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MINÉRALOGIQUE

DE LA

GRANDE BRETAGNE.

Planches.

CONCHYLIOLOGIE

MINÉRALOGIQUE

DE LA GRANDE BRETAGNE

PAR

JAMES SOWERBY.

TRADUIT DE L'ANGLAIS

PAR

E. DESOR.

AVEC UN AVANT-PROPOS ET DES NOTES CONTENANT DE NOMBREUSES ADDITIONS ET RECTIFICATIONS

PAR

L. Agassiz.

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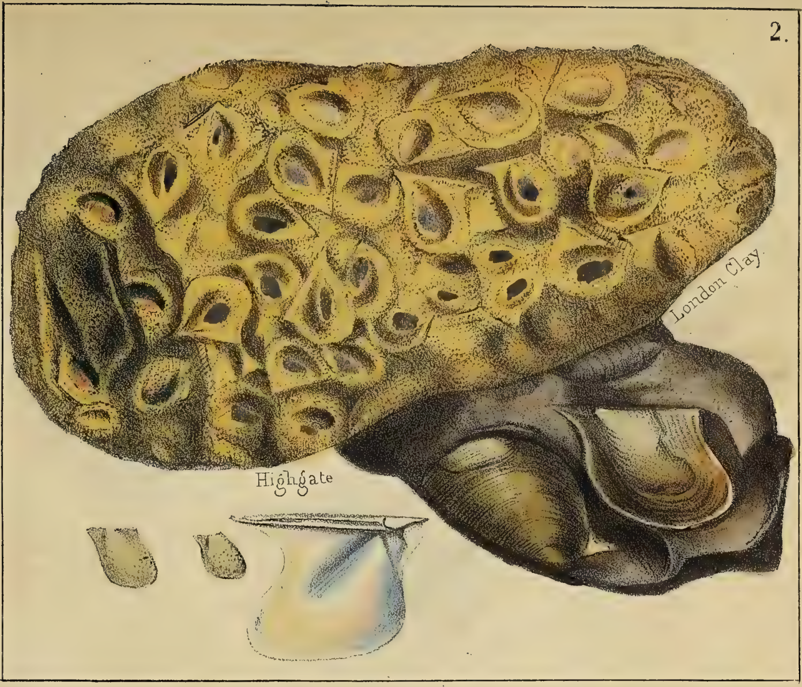
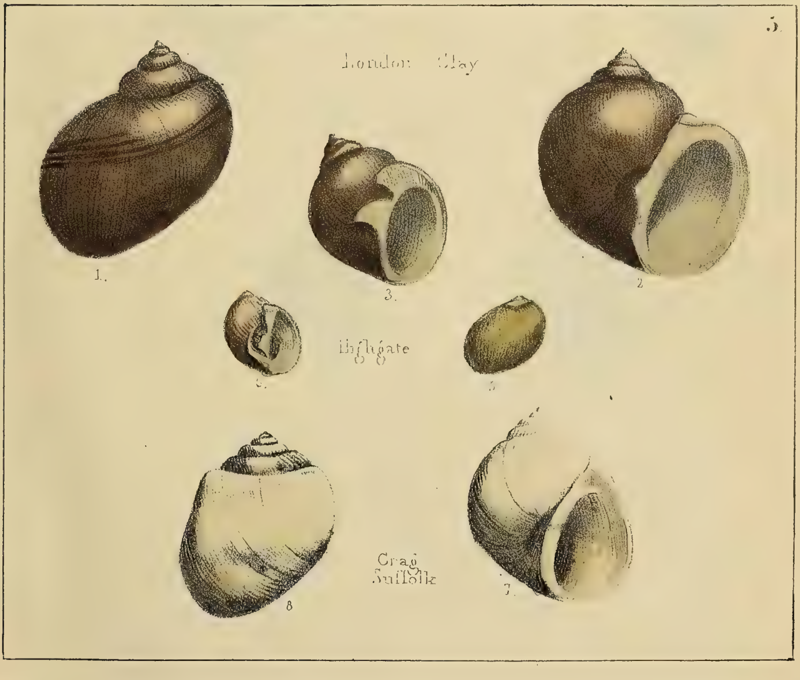
Fig.1.2.3. Nautilus imperialis. Fig.4. Nautilus centralis. Fig.5. Nautilus ziczac.

DSI



Tab. 2. Avicula Media Sow.-Tab. 3. Solen affinis Sow.



T. 1.2.3.4. Cyproea oviformis Sow: Tab. 5. 1.2.3. Natica glaucinoides Sow 4.5 Natica similis Sow.
Natica depressa Sow

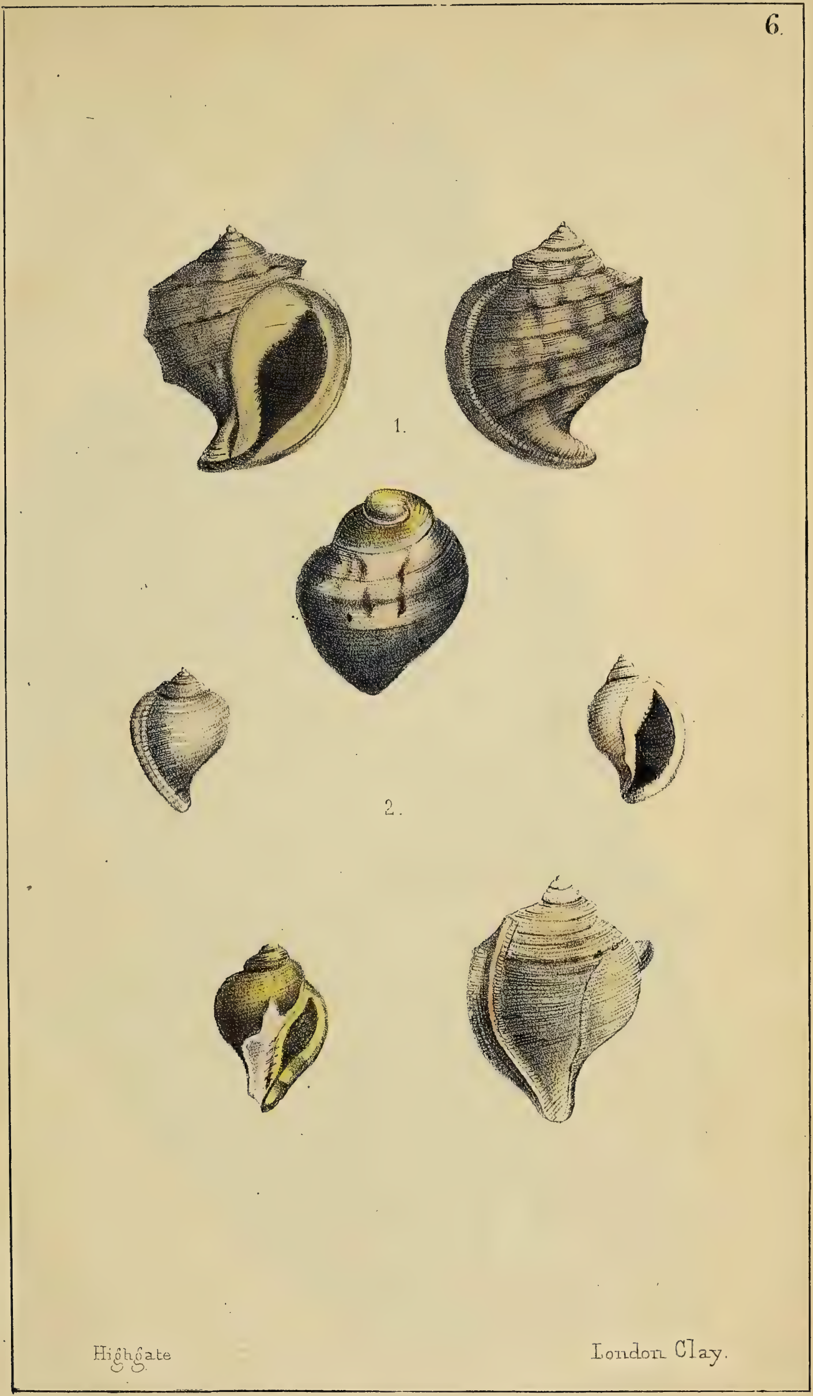
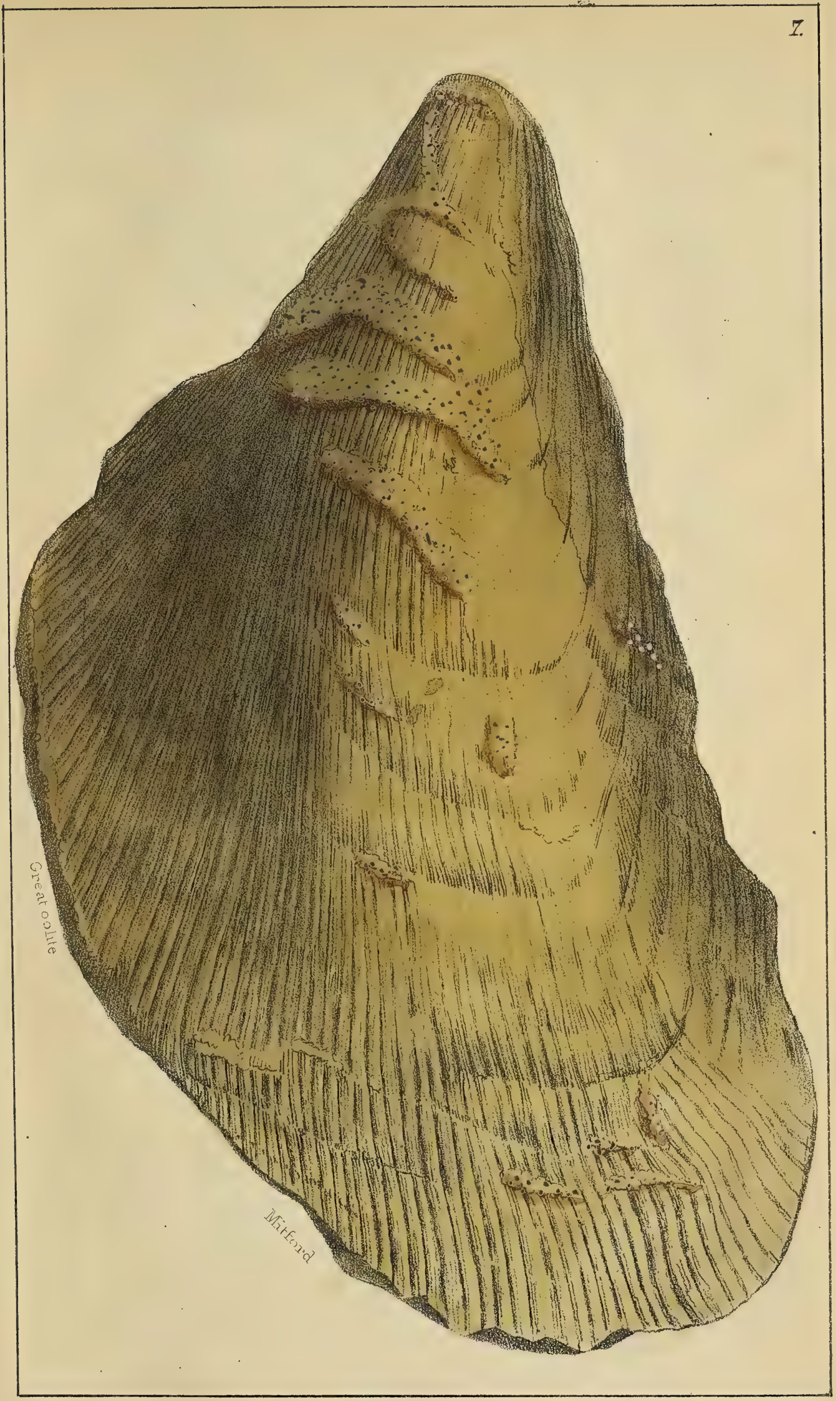
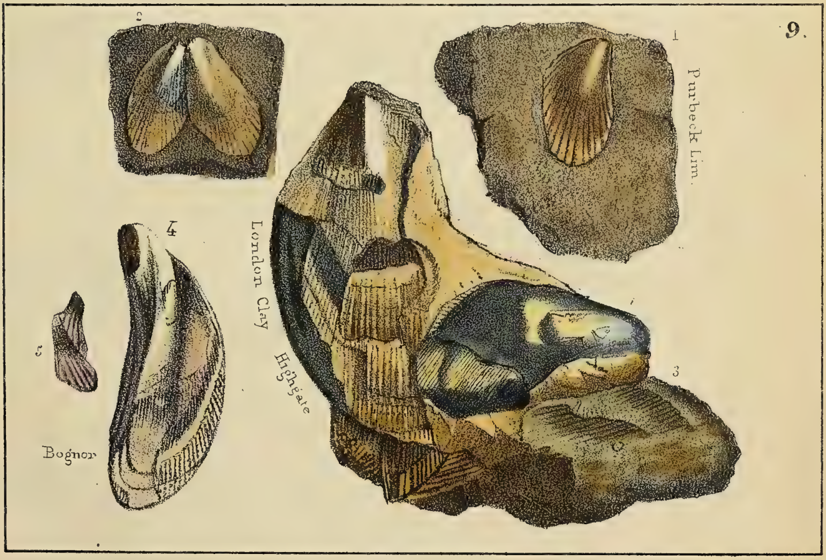


Fig. 1. Cassis carinata Sow.-Fig. 2. Cassis striata Sow.

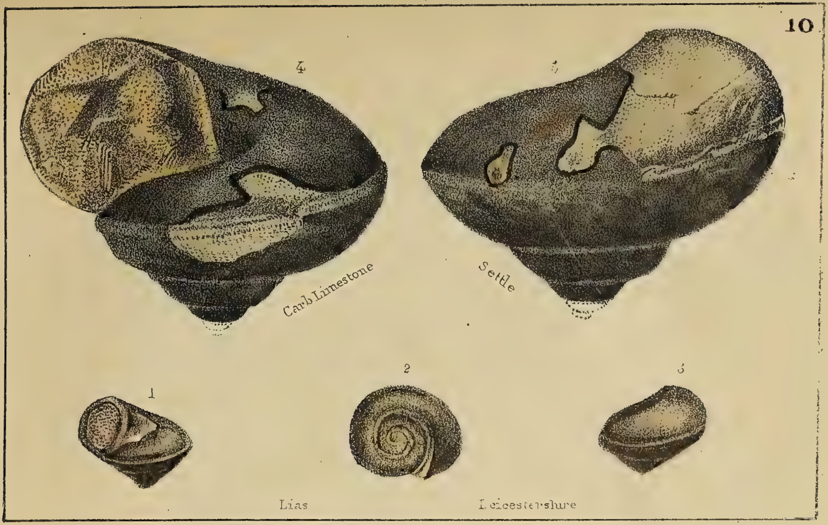


Lith. de Nicolet à Neuchatel

Pinna ampla Sow. (Mytilus amplus Sow.)



Tab. 8. f. 1. 2. 3. Modiola depressa Sow.— 4. 5. 6. Modiola pallida Sow.—7. Modiola laevis Sow.
Tab. 9. f. 1. Mod. parallella Sow.—2. 3. 4. 5. Mod. elegans Sow.

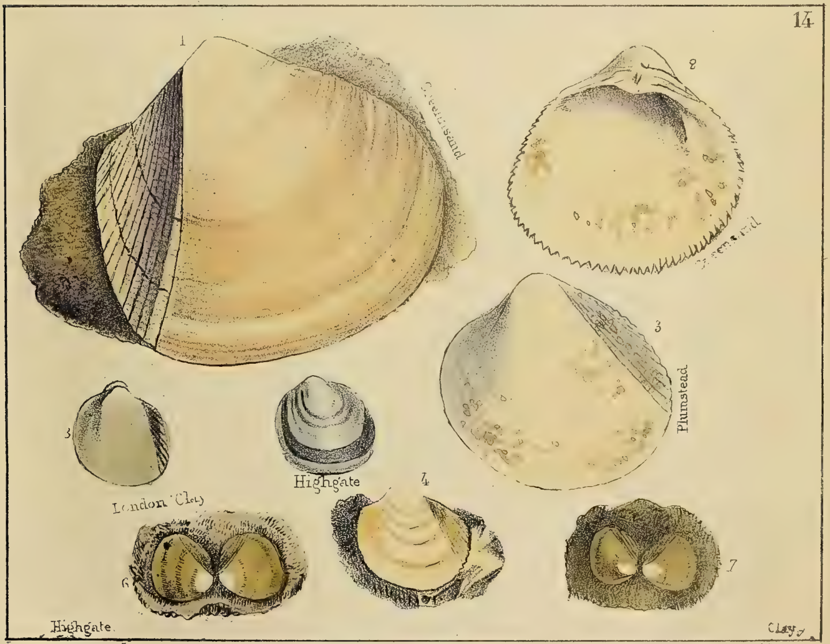


Tab. 10. Fig. 1. 2. 3. Helicina Compressa Sow. *(Ptycomphalus Ag.)* – 4. 5. Helix carinatus Sw *(Cirrus Sowerbyi Ag.)* – Tab 11. Fig. 1. 2. 3. Solarium patulum. Lam. A. d. M. – 4. Sol. discoideum Sw 5. Sol. conoideum Sow.

12.

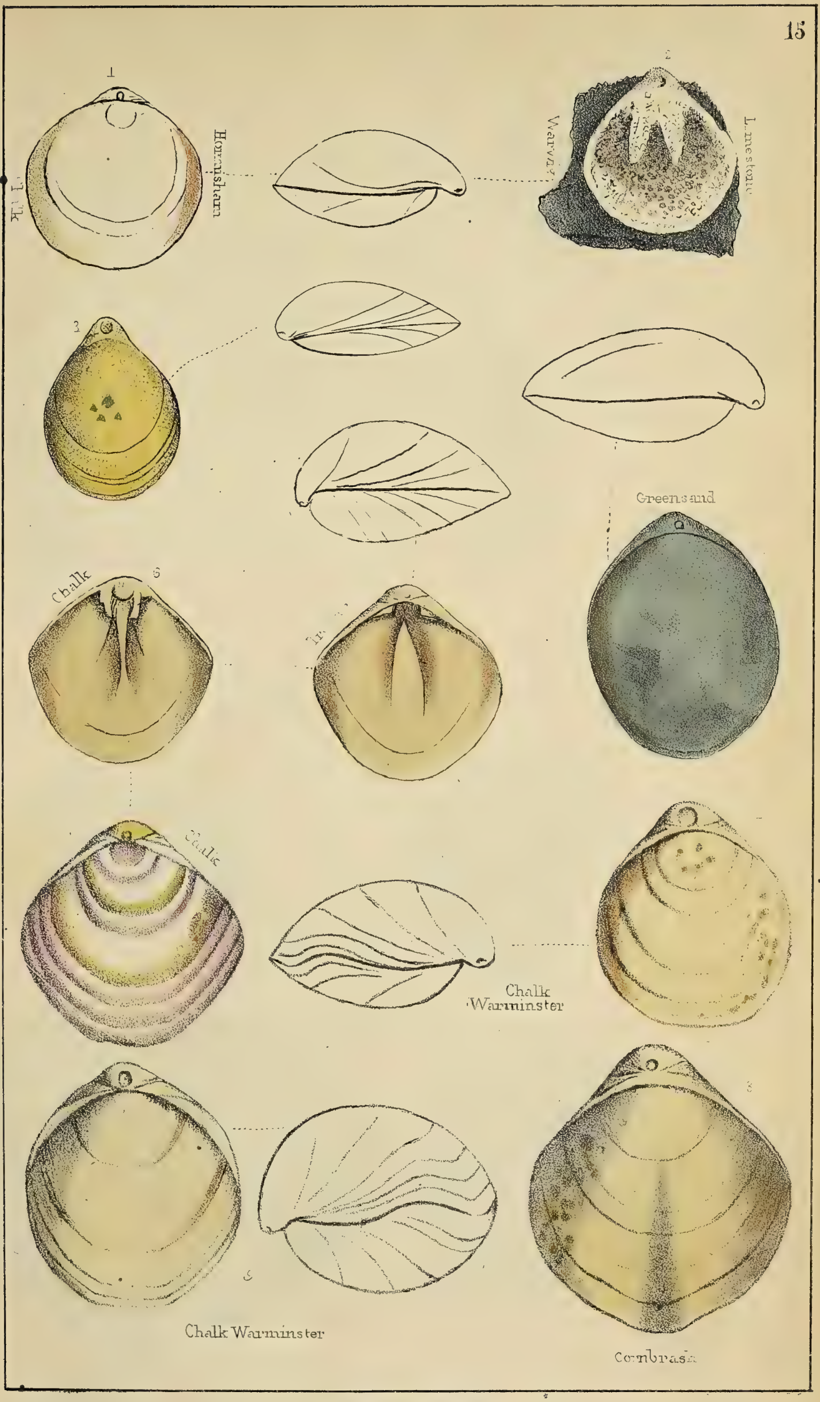
Lith de Nicolet à Neuchatel

Amonites Discus Sow.



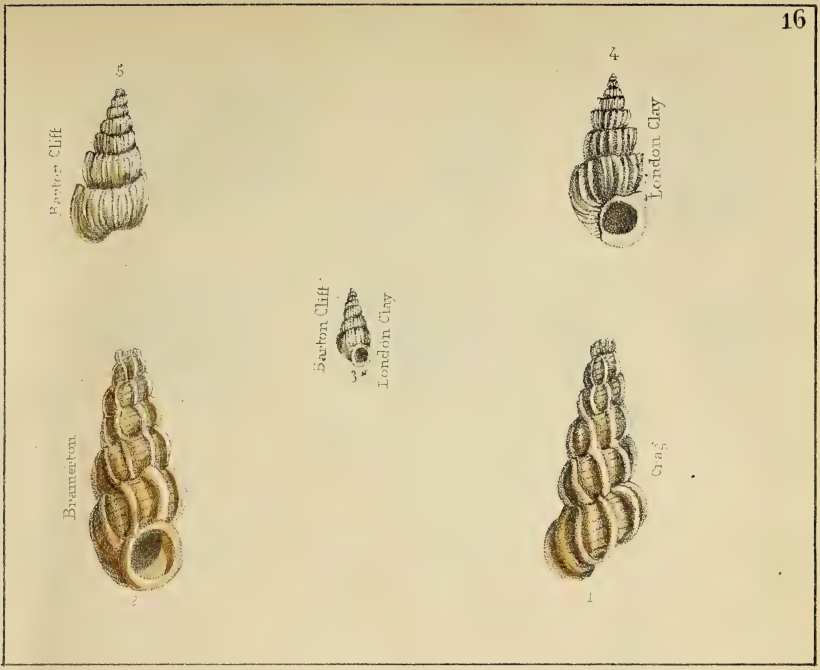
Lith. de Nicolet à Neuchatel

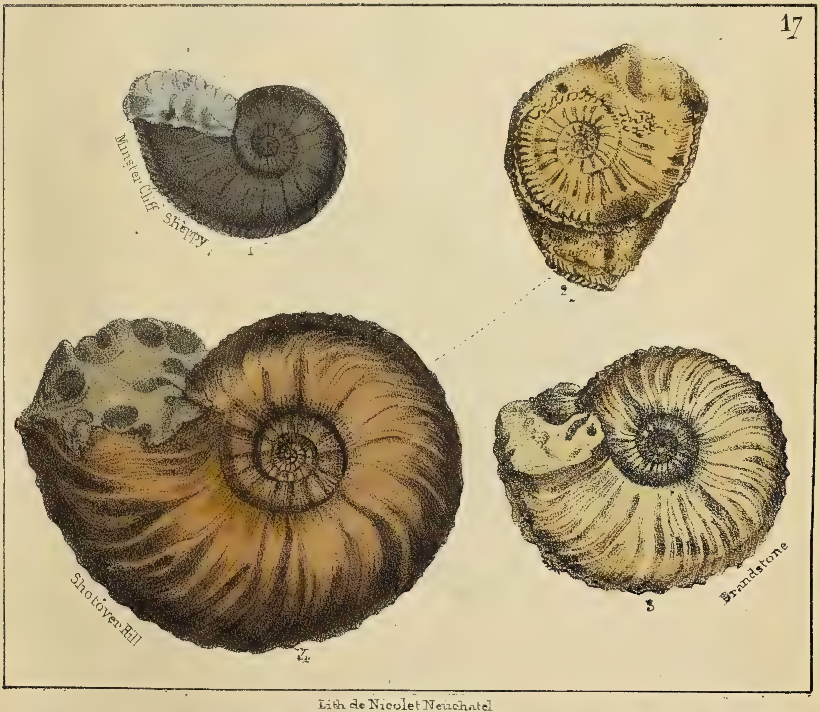
Tab. 13. Nautilus Discus. – Tab. 14. fig. 1. Cardium Hillanum Sow. – fig. 2. 3. 4. Card. plumstediense Sow. fig. 5. 6. 7. 8. Card. nitens Sow.



Lith. Nicolet Neuchatel.

Fig. 1.2. Terebratula subrotunda Sow. – fig. 3. Tereb. ovata Sow. – fig. 4. Tereb. punctata Sow. fig. 5 6. Tereb. carnea Sow. – fig. 7. Tereb. subundata Sow. – fig. 8 Tereb. intermedia. – fig. 9 Tereb. semiglobata.

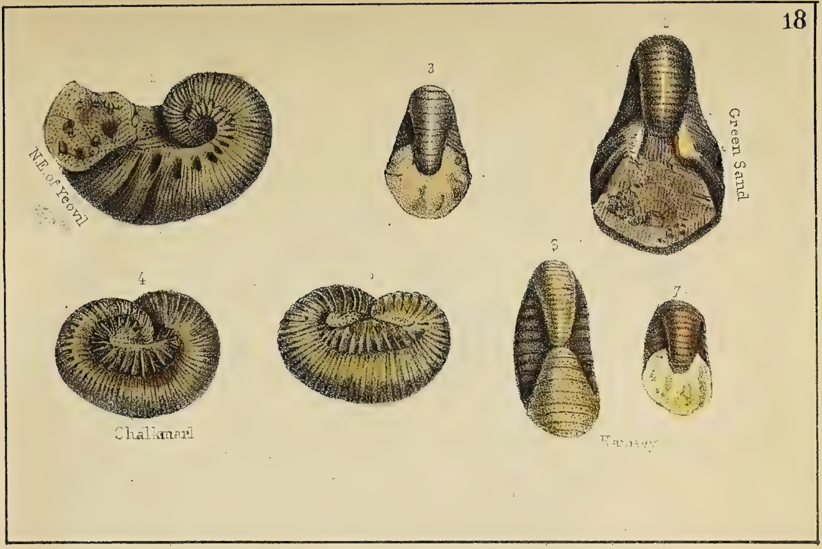




Lith. de Nicolet Neuchatel

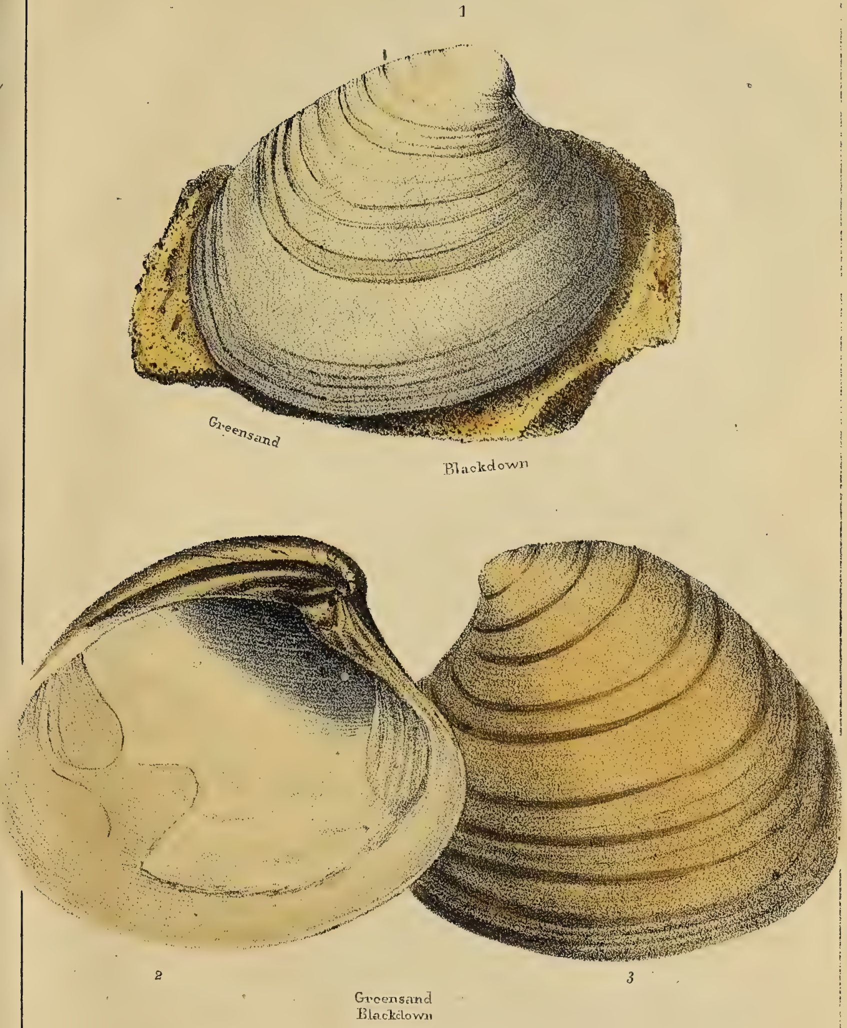
Tab.16. fig.1.2. Scalaria similis Sow. – fig.3. Scal. semicostata Sow. – fig.4.5. Scal. acuta Sow.

Tab.17. fig.1. Amonites acutus Sow. – fig.2.4. Am. cordatus Sow. – fig.3. Am. quadratus Sow.



Lith. Nicolet Neuchatel.

Tab. 18. fig. 1. 2. 3. Scaphites equalis Sow. – fig. 4. 5. 6. 7. Scap. obliquus Sow. – Tab. 19. fig. 1. 2. **Lingula** mytiloides Sow. fig. 3. Ling. tenuis Sow. – fig. 4. Ling. ovalis Sow.



Lith. de Nicolet à Neuchatel

Sonrel [illegible]

1. Venus lineolata Sow. ? 3. [illegible]

21

Lith. Nicolet. Neuchâtel

Venus Equalis Sow.

Lith. de Nicolet à Neuchatel

Sonrel in lap.

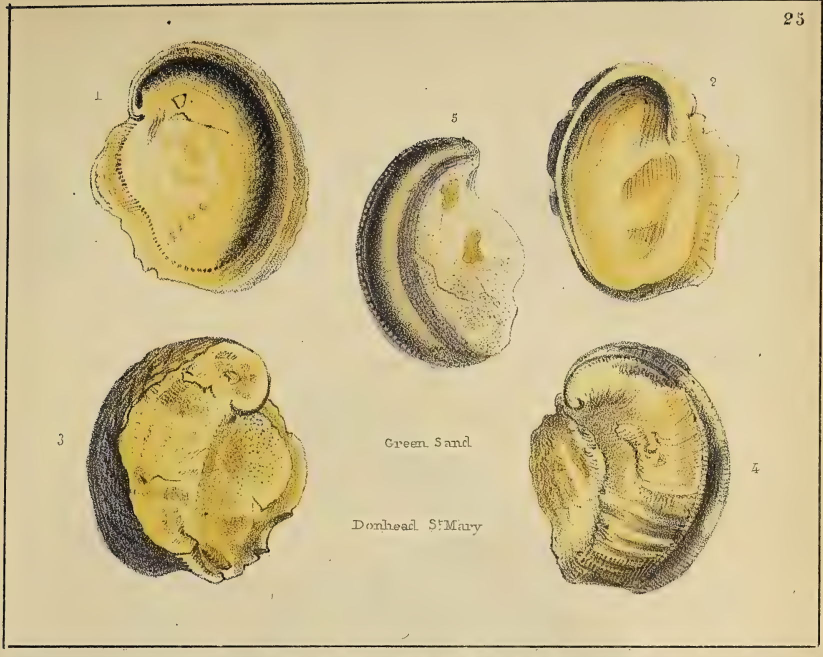
Murex striatus Sow.

Lith. de Nicolet.

Murex contrarius Gmel.

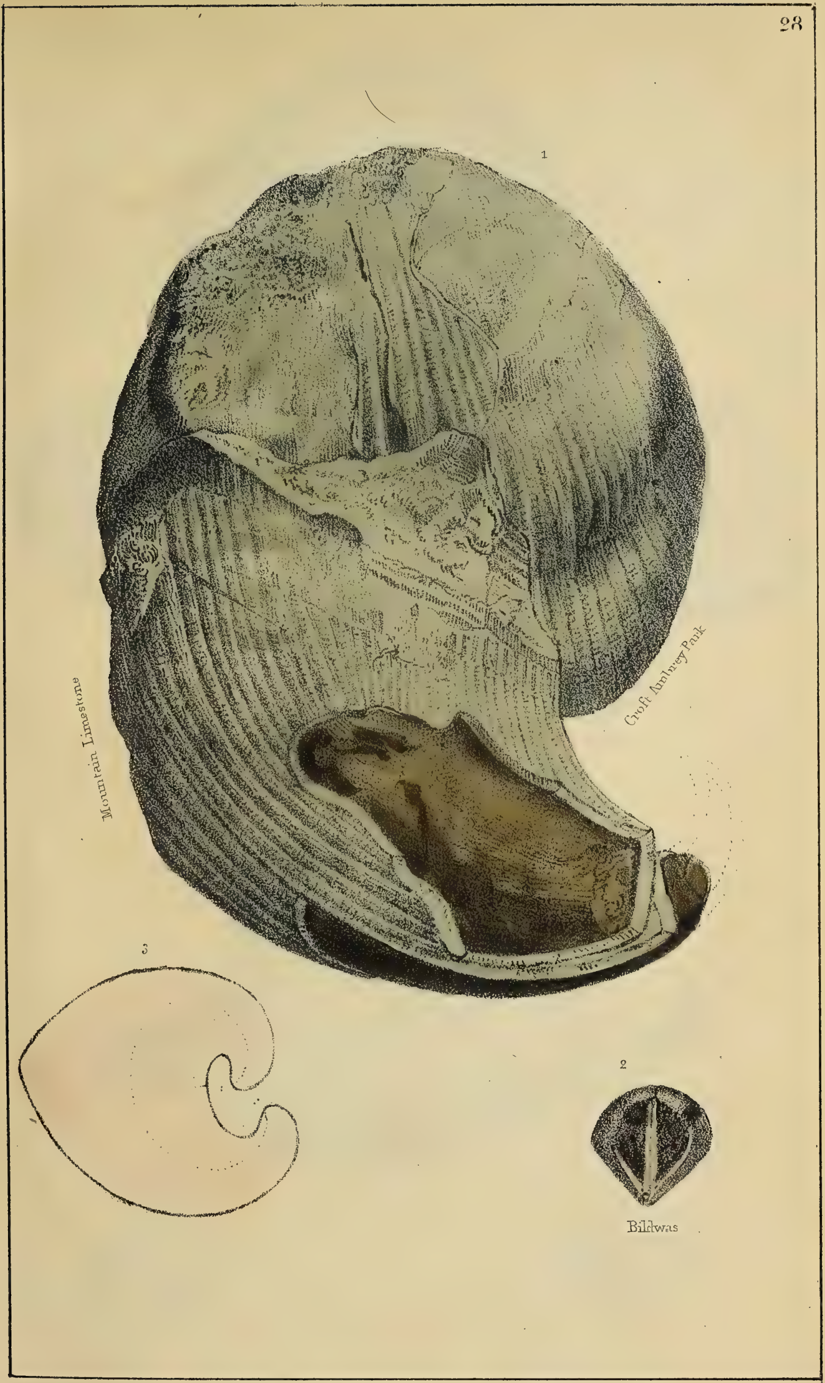
24

Ta. 24. Am̄onites serratus Sow.

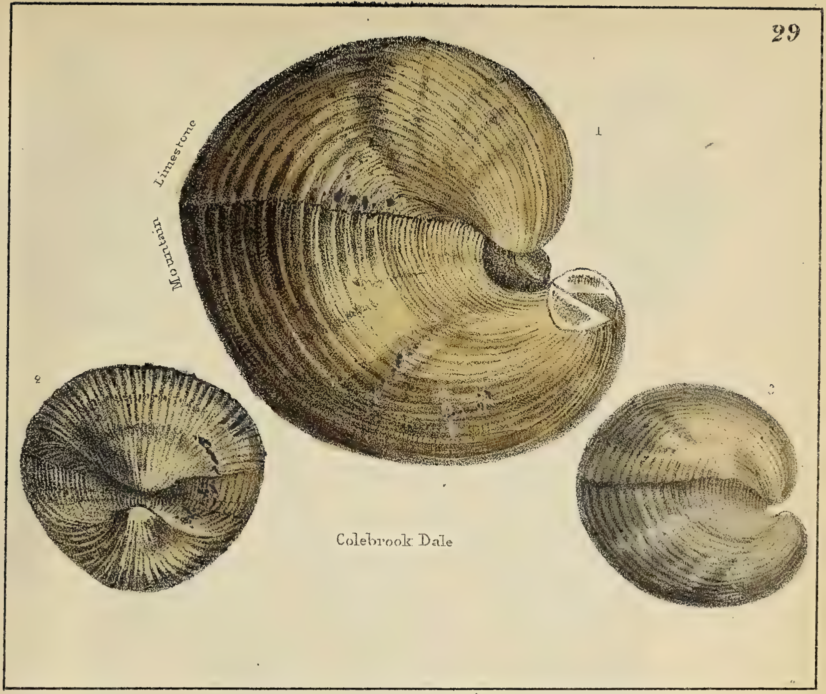


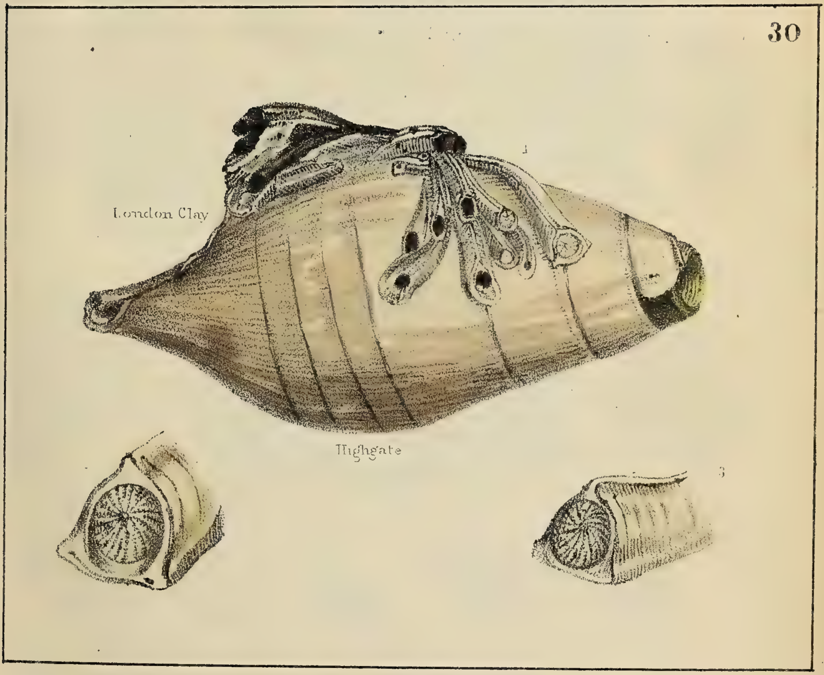
Tab. 25. Fig. 1. 2. 3. 4. 5. Exogyra haliotoidea Sow. – Tab. 26. Fig. 1. Gryphæa canaliculata sow.
Fig. 2. 3. 4. Exogyra conica Sow.

Tab.27. Fig.1. Pectunculus decussatus Sow. – Fig.2. Pectunculus cos[illegible]
Fig.3. Pectunculus plumstediensis. Sow.



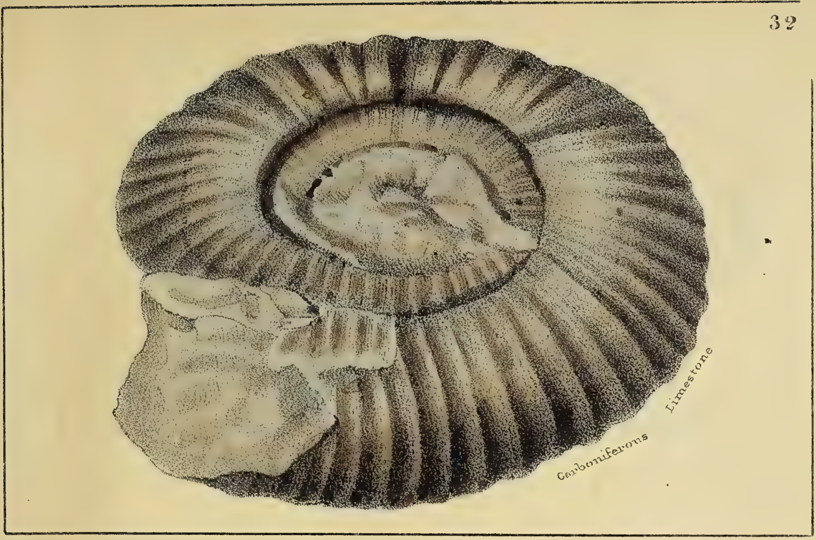
Tab. 28. Fig. 1. Pentamerus Knightii Sow. – Fig. 2. Pent. laevis Sow.



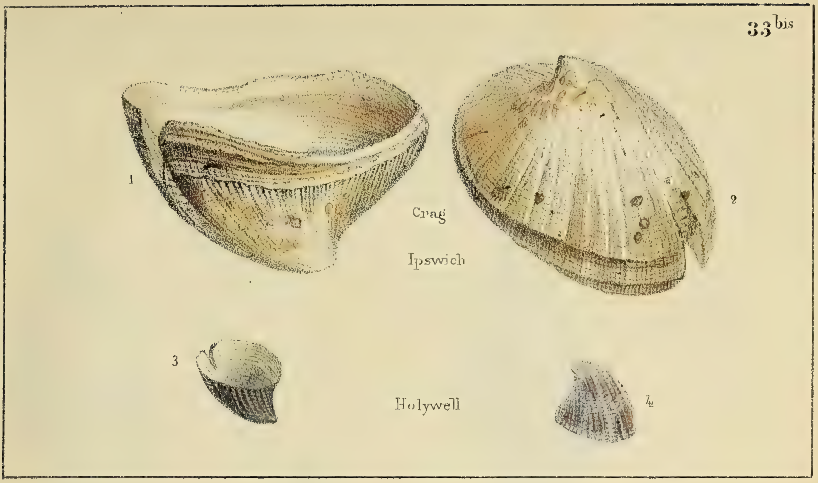


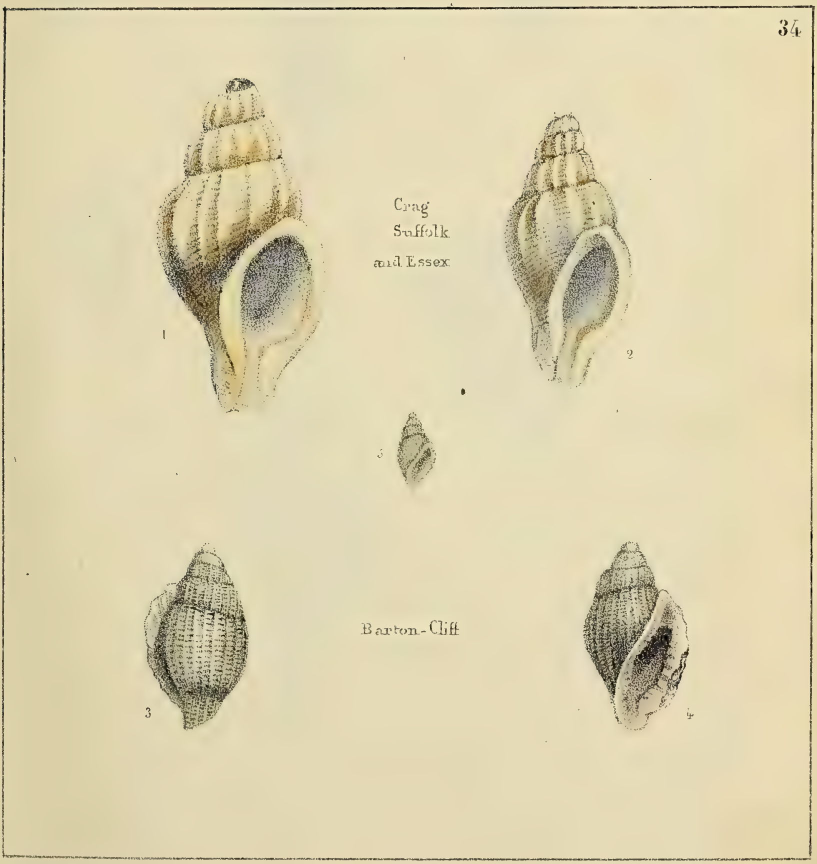
Tab. 29. Fig. 1.2.3. Pentamerus Aylesfordii Sow. – Tab. 30. Fig. 1.2.3. Serpula crassa. Sow.

Fig. 1-13. Vivipara fluviorum Sow. – Fig. 14. V. extensa Sow. – Fig 15. V. lenta Sow. – Fig. 16. 17. 18. Vivipara concinna Sow. – Fig. 19. V. suboperta Sow.



Tab.32. Ellipsolithes (Nautilus) funatus Sow. – Tab.33. Fig. 1.2.3. Unio subconstrictus Sow. – Fig. 4. Unio uniformis Sow. – Fig. 5.6.7. Unio acutus. Sow.





Tab. 33 bis Fig. 1.2. Emarginula crassa Sow. – Fig. 3. 4. Em. recticulata Sow. – Tab. 34. Fig. 1.2. Murex rugosus Sow. Fig. 3.4.5. Murex bartonensis Sow.

25.

35.

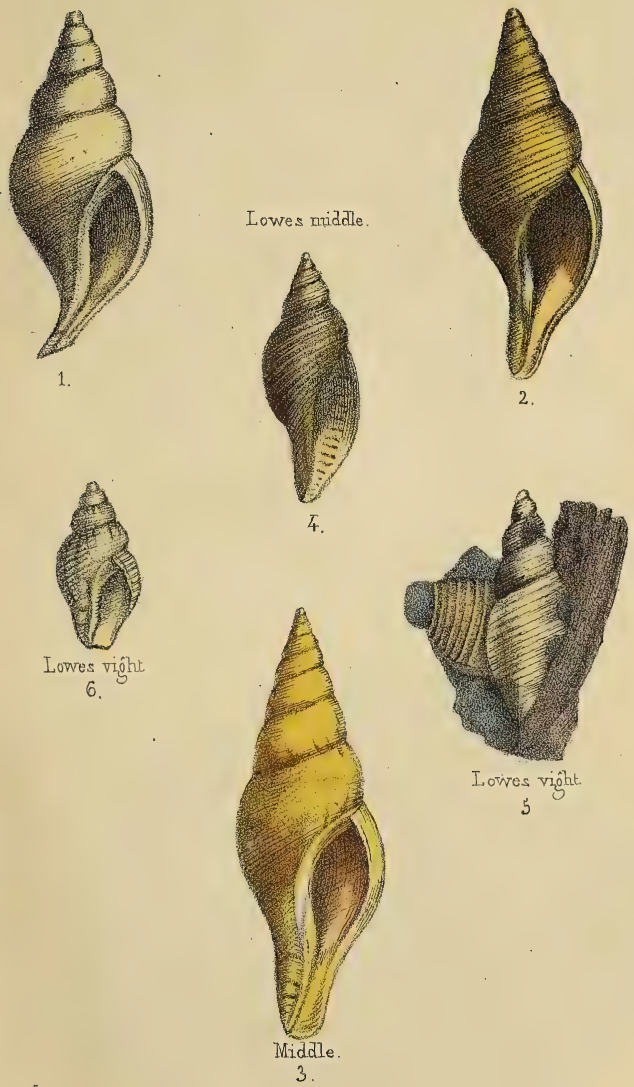
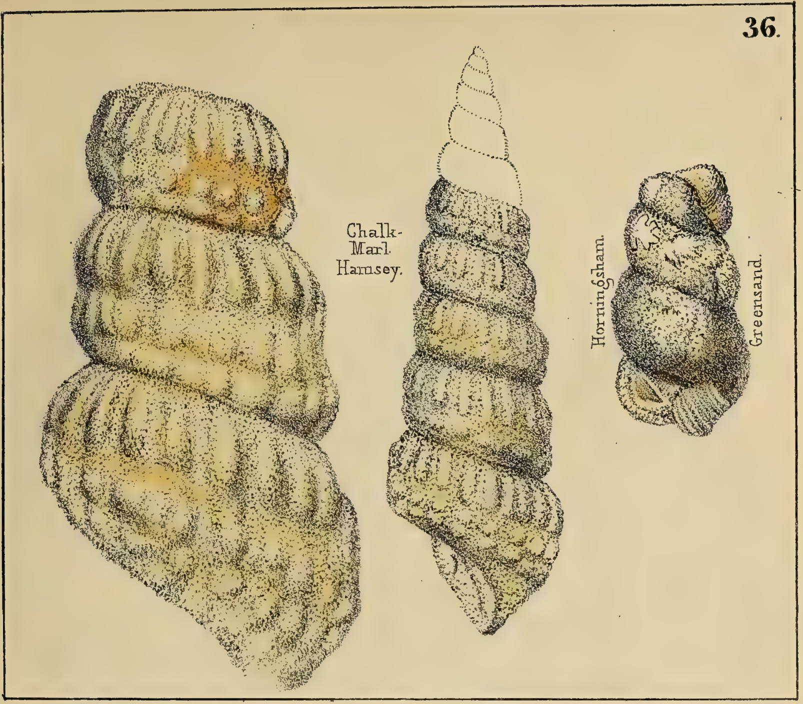
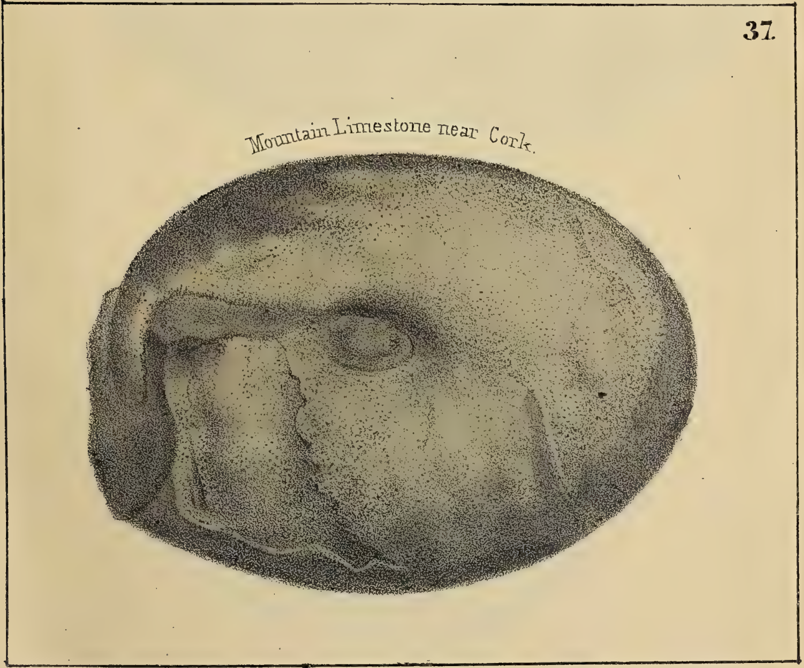


Fig. 1. 3. Murex corneus Sow.-Fig. 4. 5. Murex trilineatus Sow.-Fig. 6. Murex latus Sow.





Tab. 36. Fig. 1. 2. 3. Turrilites Costatus Sow. – Tab. 37. Ellipsolites (Nautilus) Ovatus Sow.

38.

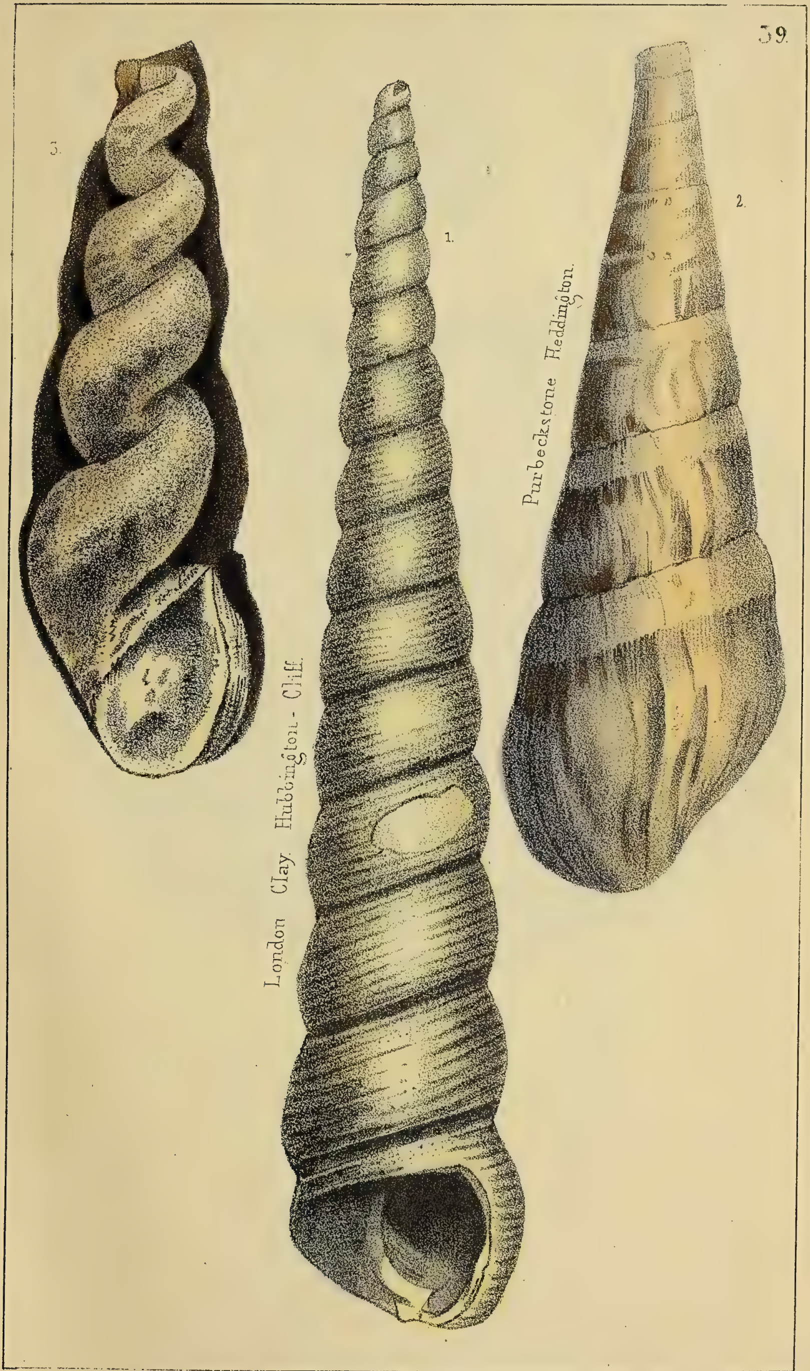
1.

Mountain Limestone.
Near Cork.

2.

Lith. de Nicolet à Neuchâtel

Tab. 38. Fig. 1.2. Ellipsolites compressus Sow.



Lith. de Nicolet à Neuchâtel.

Tab. 39. Fig. 1. Malania Sulcata Sow. – Fig. 2. 3. M. Heddingtonensis Sow.

40.

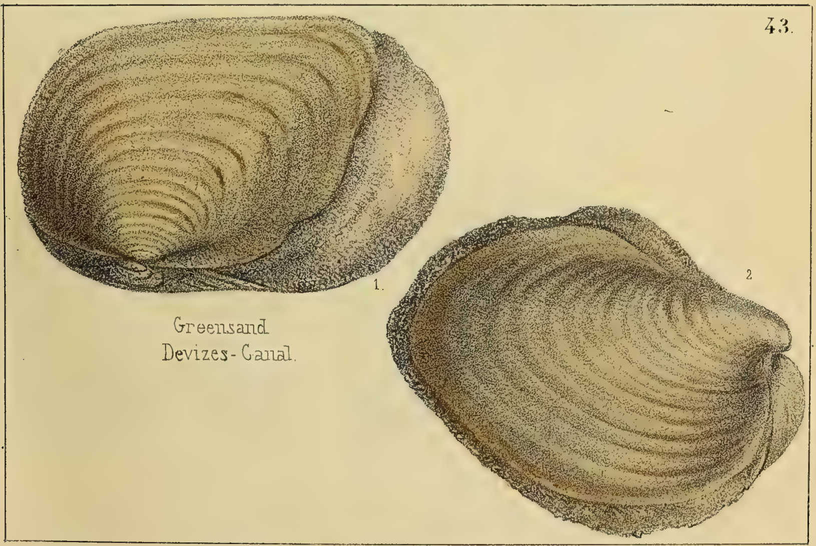
Fig. 1. Nautilus undulatus Sow. – Fig. 2. 3. Naut. inæqualis Sow.

1.

Inférior Oolite.

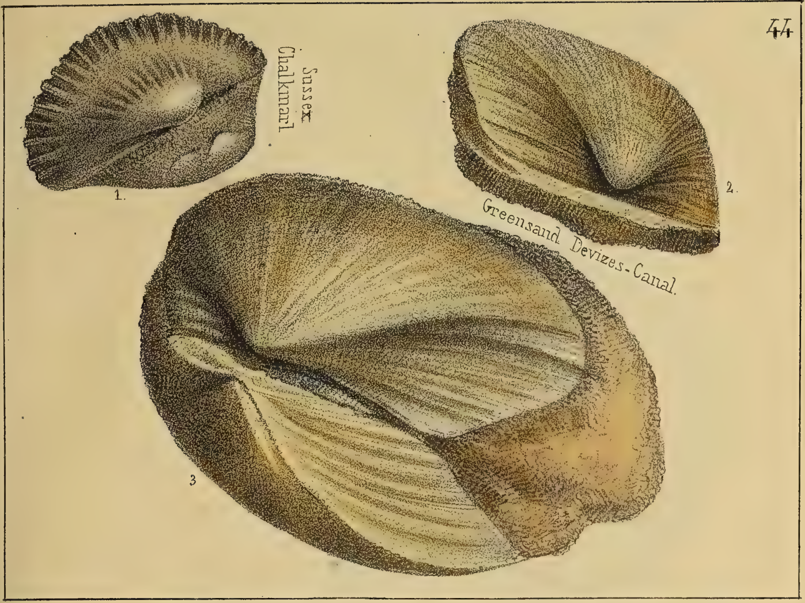
2.

Nautilus Lineatus Sow.



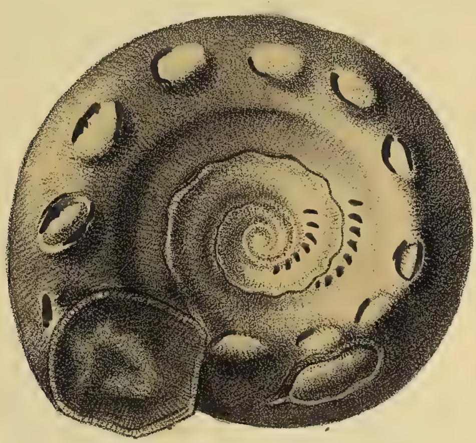
Lith. de Nicolet à Neuchâtel.

Tab. 42. Mactra gibbosa Sow. – Tab. 43. Fig. 1. 2. Mya mandibula Sow.



Lith. de Nicolet à Neuchâtel

Tab. 44. Fig. 1.* Arca subacuta Sow. – Fig. 2. 3. A. carinata Sow. – Tab. 45. Fig. 1. 2. Euomphalus pentangulatus Sow. – Fig. 3. 4. E. catillus Sow.



1.

Mountain Limestone:
Derbyshire.

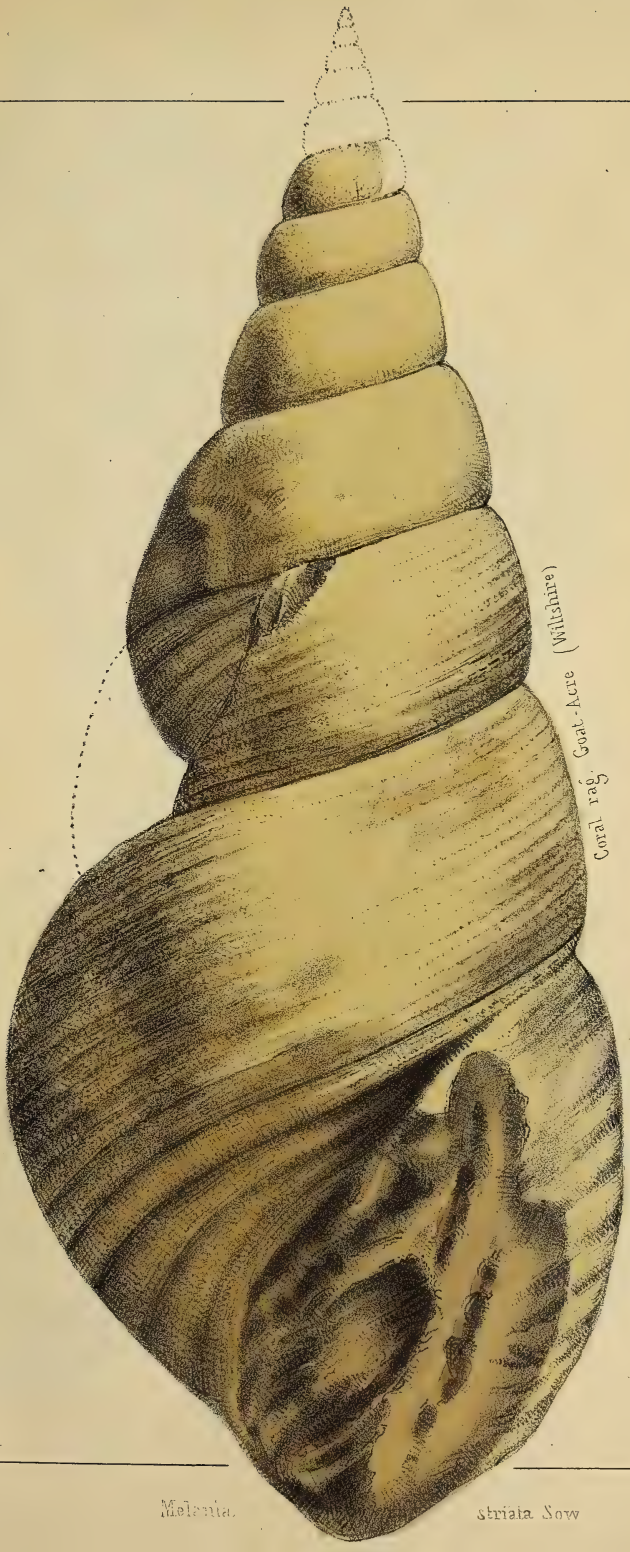
2.

Lith. de Nicolet à Neuchâtel

Tab. 46. Fig. 1. 2. Euomphalus nodosus. Sow.

34.

47.

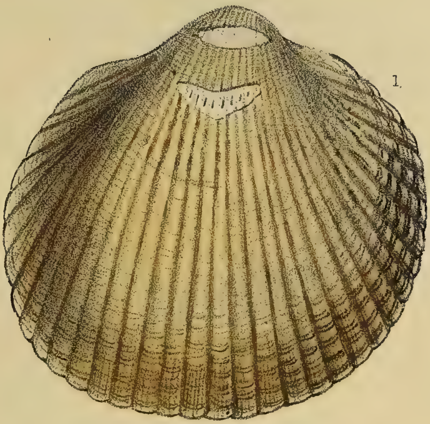


Melania. striata Sow

Lith. de Nicolet à Neuchâtel

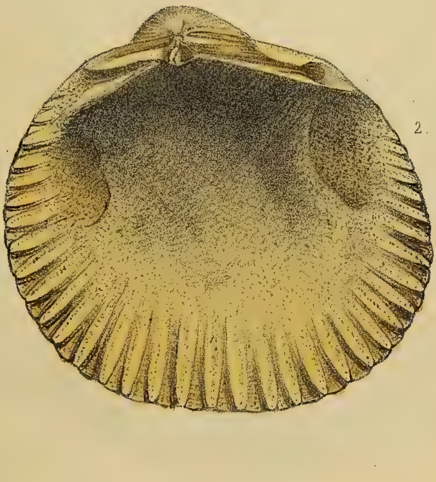
Tab. 48. Fig. 1. 2. Ostrea Marshii Sow.

49.



1.

Harwich (Norfolk)
Cr. marl.

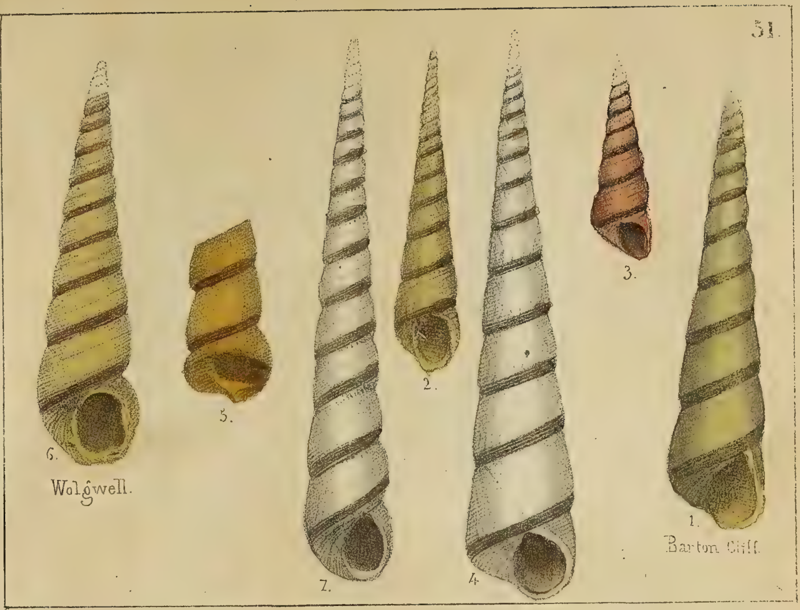


2.

[illegible] Fig. 1.2. Cardium Parkinsoni Sow.

50.

Tab.50. Venericardia phanicosta Lmk.

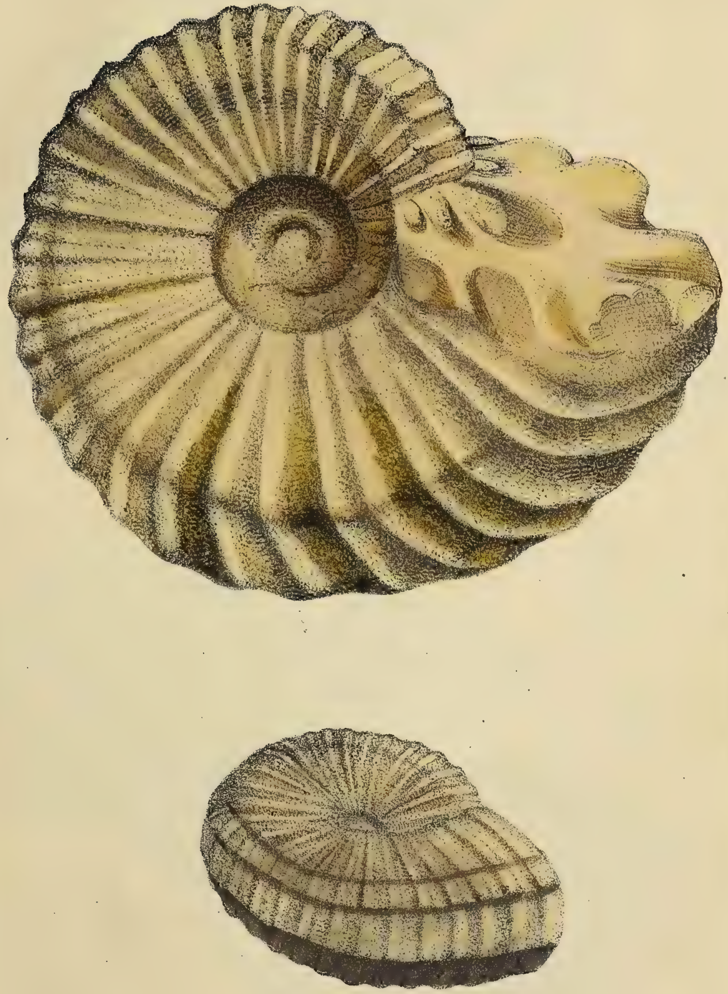


Tab.51.Fig.1.4.5.Turritella conoidea Sow.-Fig. 2. Tur. elongata Sow.- Fig.3. Tur. brevis Sow.-
Fig.6.Tur. incrassata Sow.-Fig.7.Tur. edita Sow.

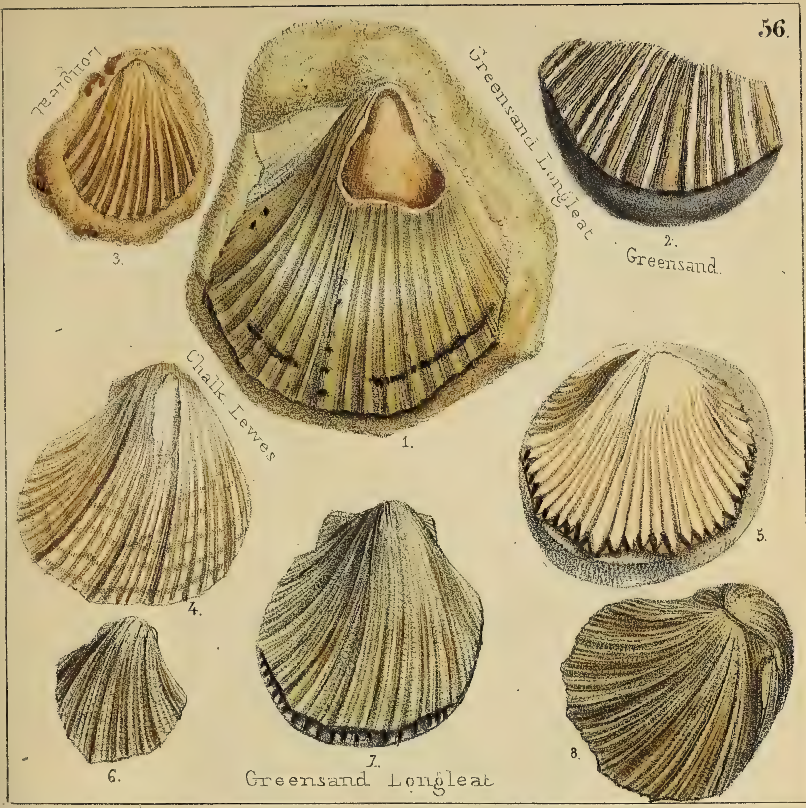
Tab.52. Fig.1. Enomphalus discors Sow. - Fig.2. Enomp. rugosus Sow.-Fig.3. Enomp. angulosus Sow.

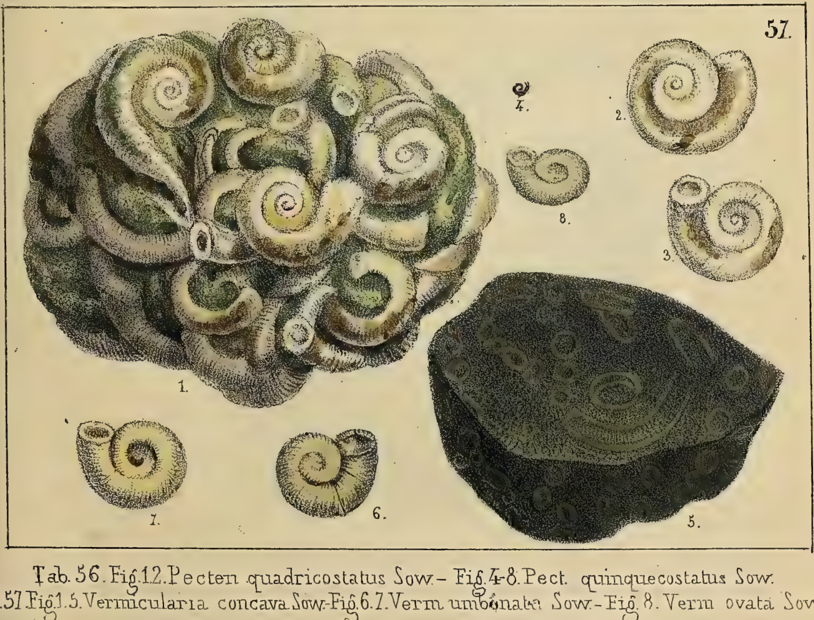
Tab.54. Ammonites striatus Sow. - Fig. 2. Am. sphoricus Sow. - Fig. 3. Am. minutus Sow.
Tab. 54. Ammonites suclovis Sow.

55.



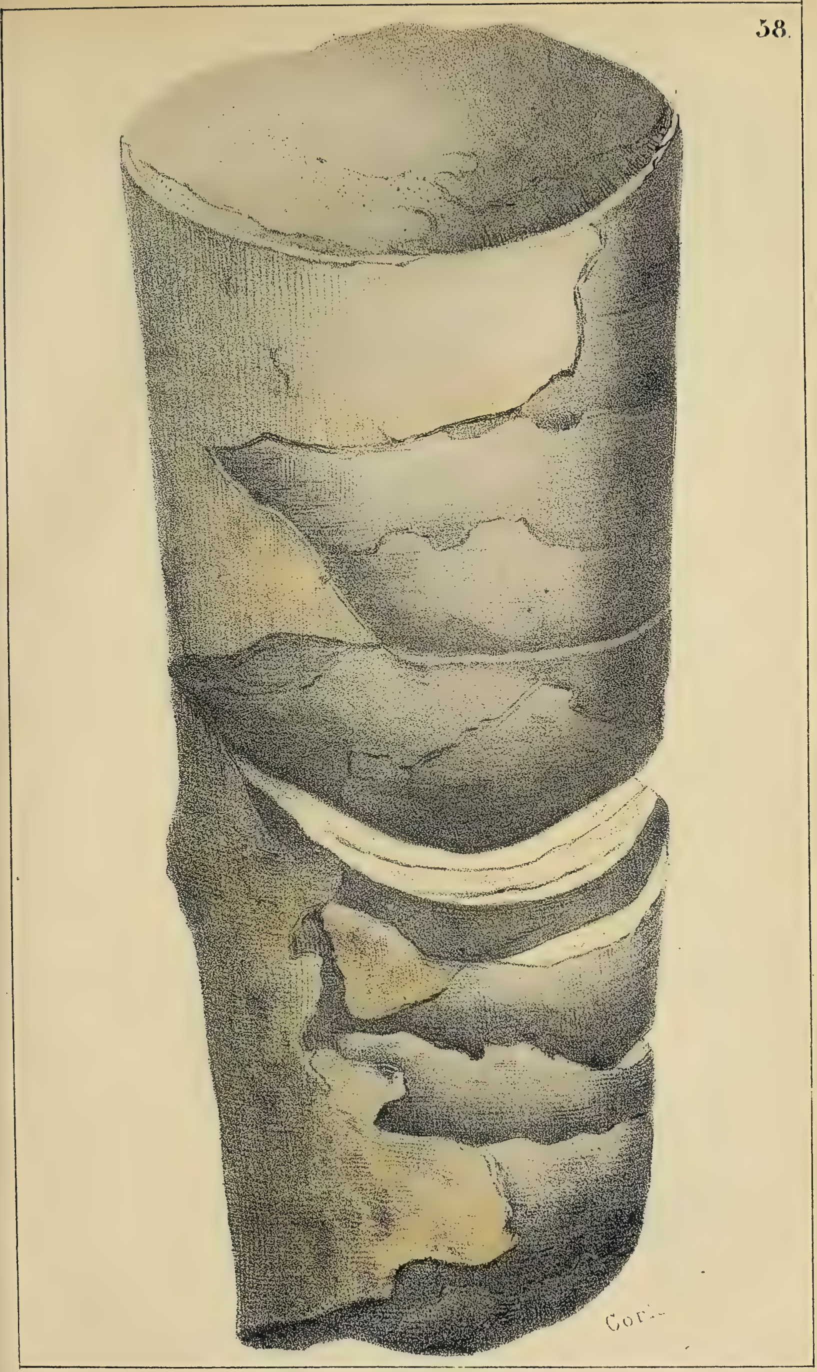
Tab. 55. Ammonites mantellii Sow.





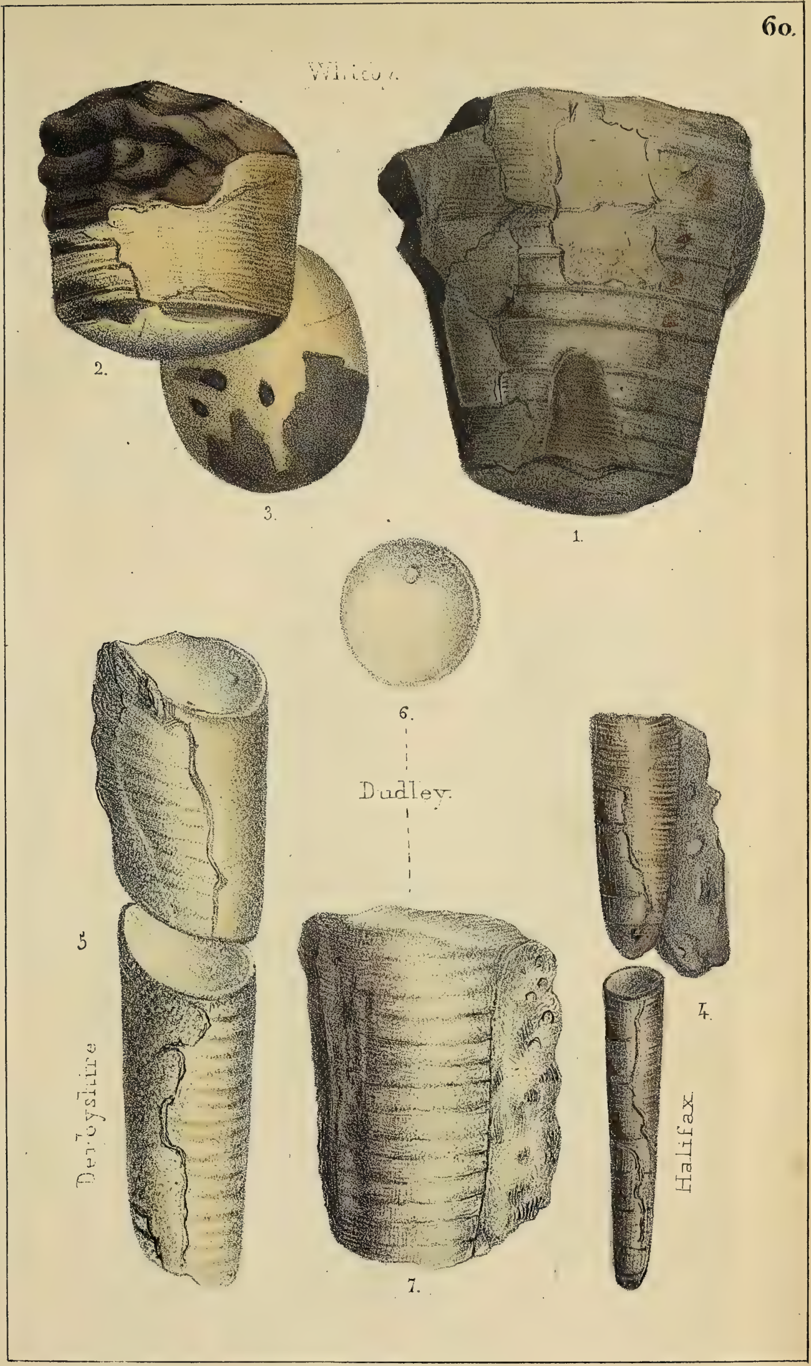
Tab. 56. Fig. 1. 2. Pecten quadricostatus Sow. – Fig. 4-8. Pect. quinquecostatus Sow.
Tab. 57. Fig. 1. 5. Vermicularia concava Sow. – Fig. 6. 7. Verm. umbonata Sow. – Fig. 8. Verm. ovata Sow.

58.

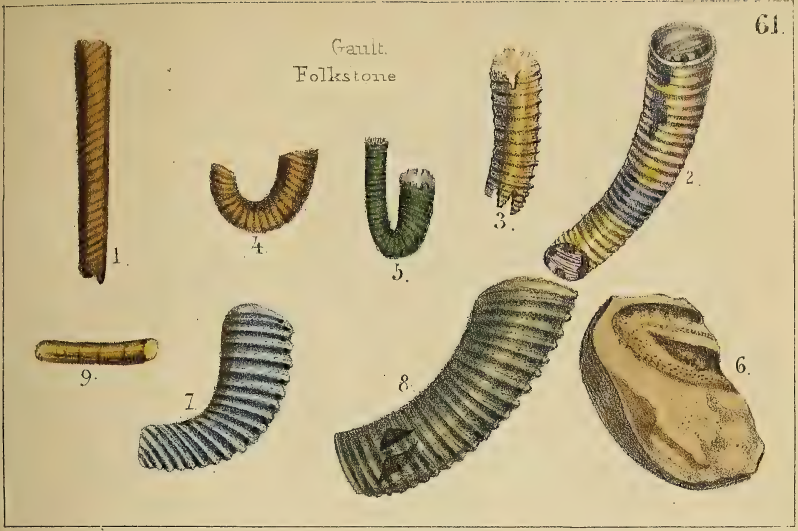


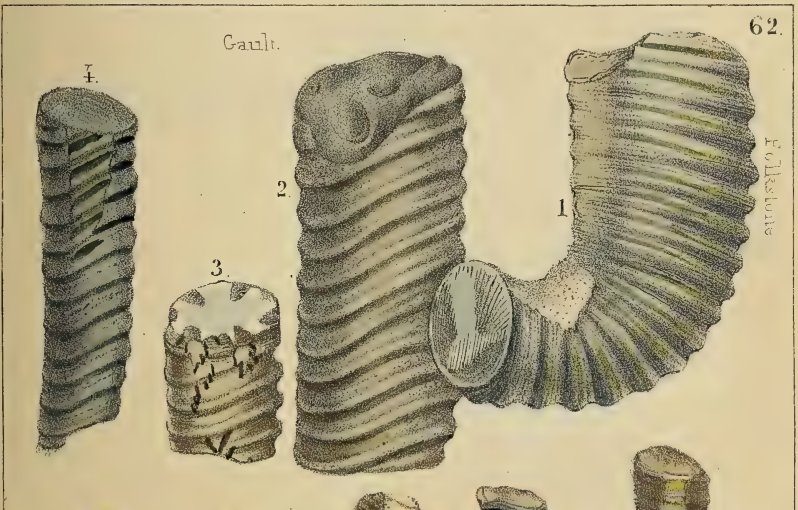
Tab. 58. Orthocera Striata Sow.

Tab. 59. Orthocera undulata Sow.



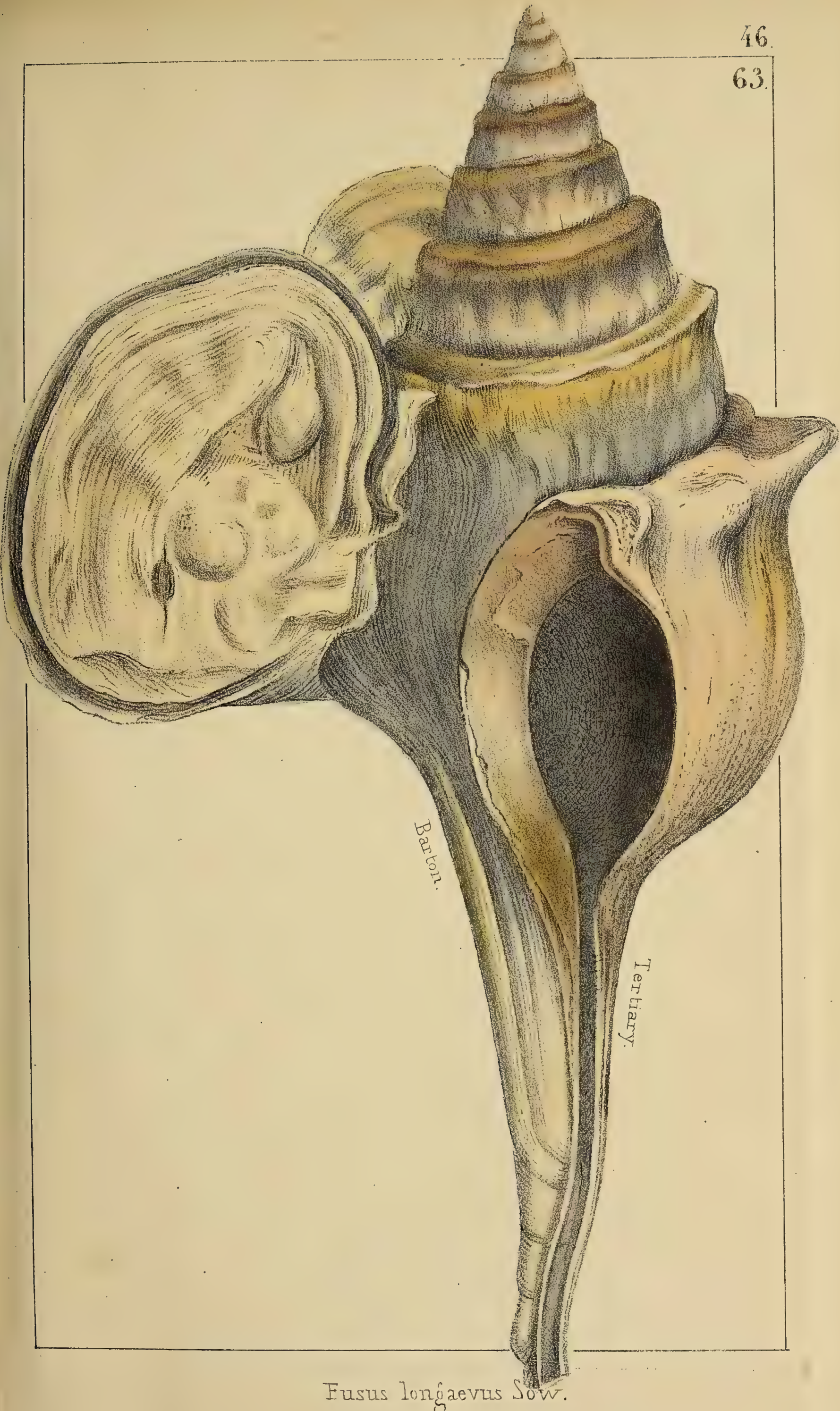
Tab. 60. Fig. 1-3. Orthocera conica Sow. - Fig. 4. Orth. Steinhaueri Sow.
Fig. 5. Orth. Breynii Sow. - Fig. 6. 7. Orth. circularis Sow.





T. 61. Fig. 1. Hamites tenuis Sow.- Fig. 2.3.4. Ham. rotundus Sow.- Fig. 5.6. Ham. attenuatus Sow.
Fig. 7.8. Ham. compressus Sow.- F. 9. Ham. adpressus Sow.
62. Fig. 1. Ham. maximus Sow. Fig. 2.3.4.5.6.7.8. Ham. intermedius Sow. Fig. 9. Ham. gibbosus Sow.

46.
63.

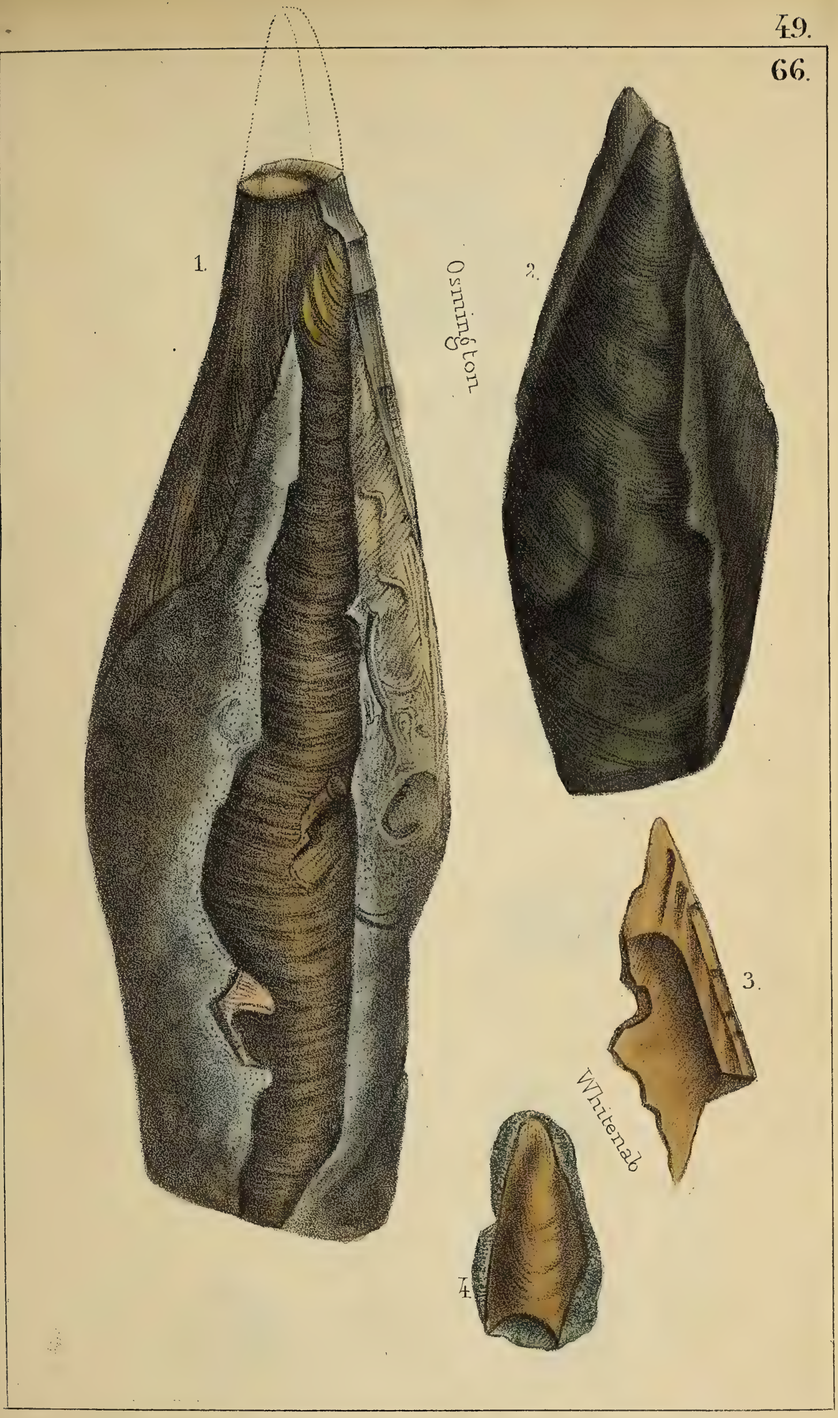


Fusus longaevus Sow.

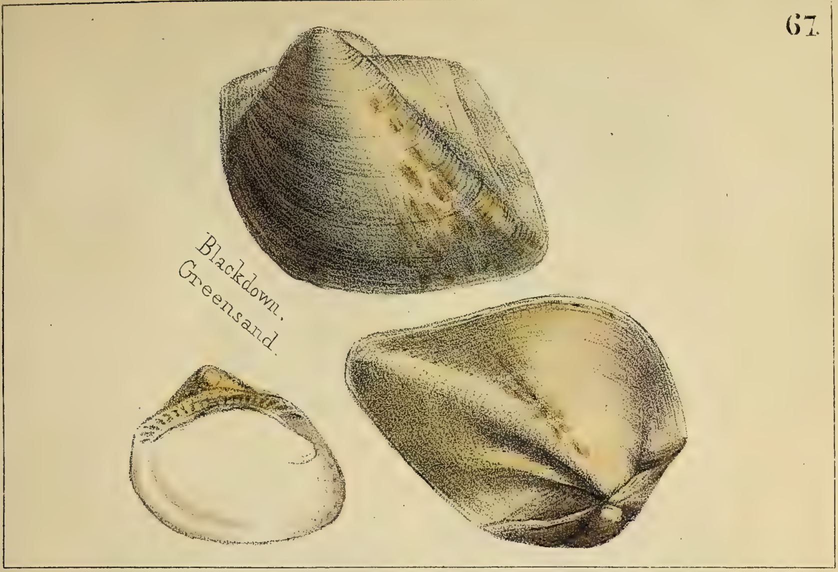
Ostrea Gigantea Brand.

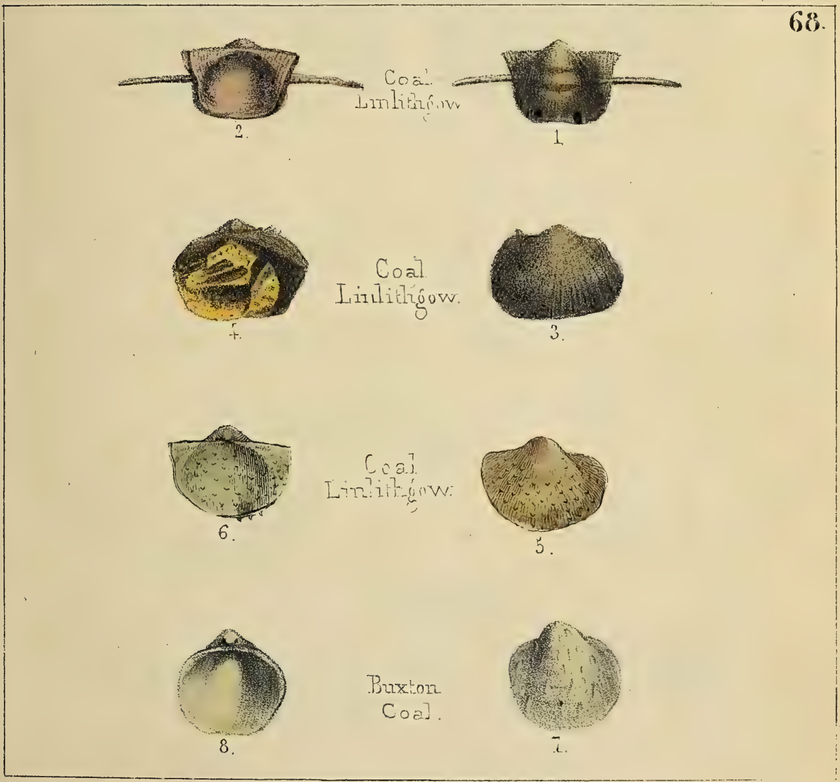
65.

Venus angulata Sow.

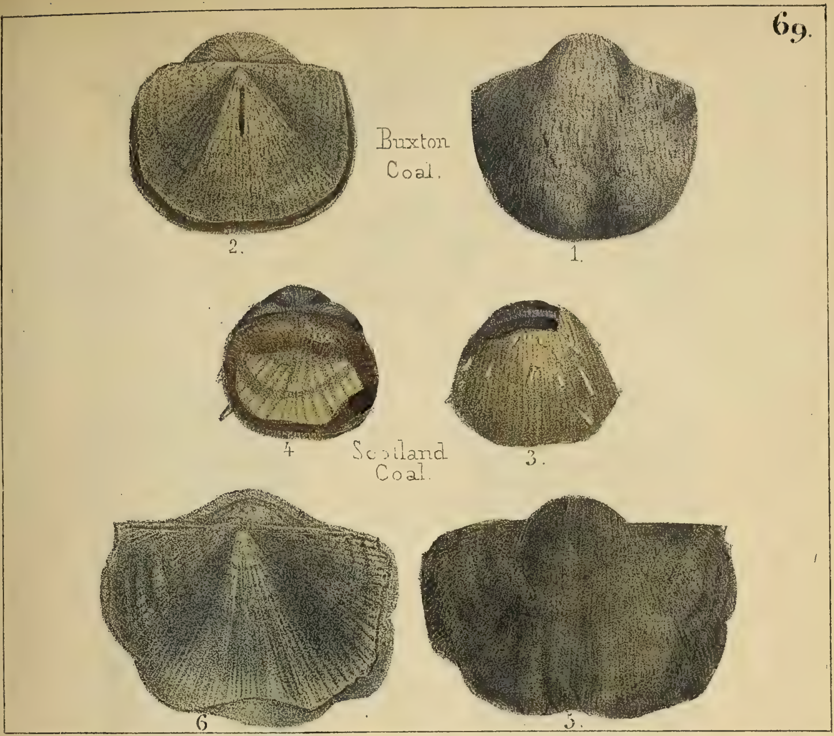


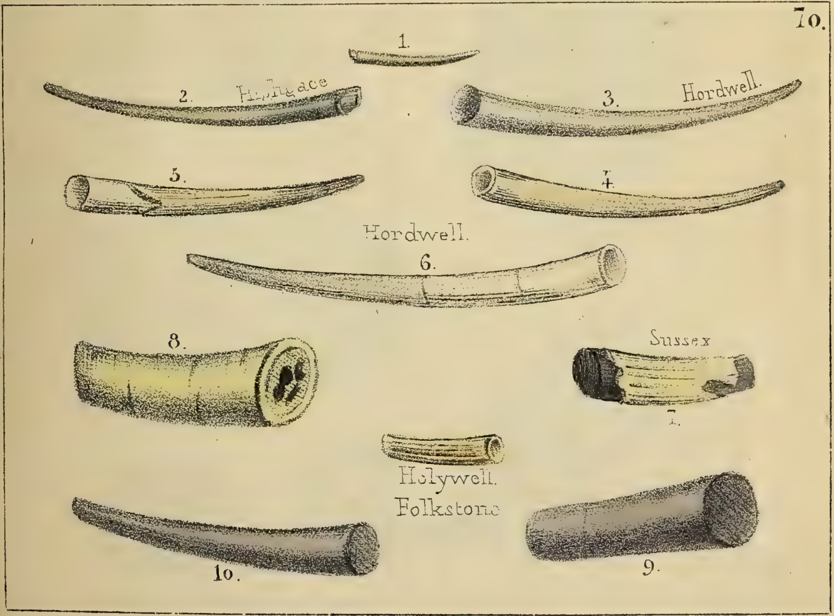
Perna aviculoïdes Sow.



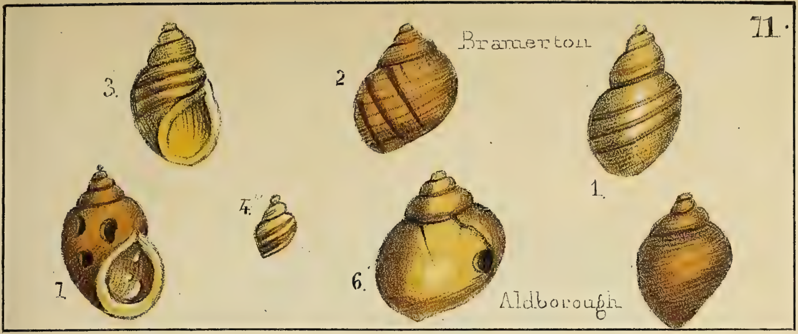


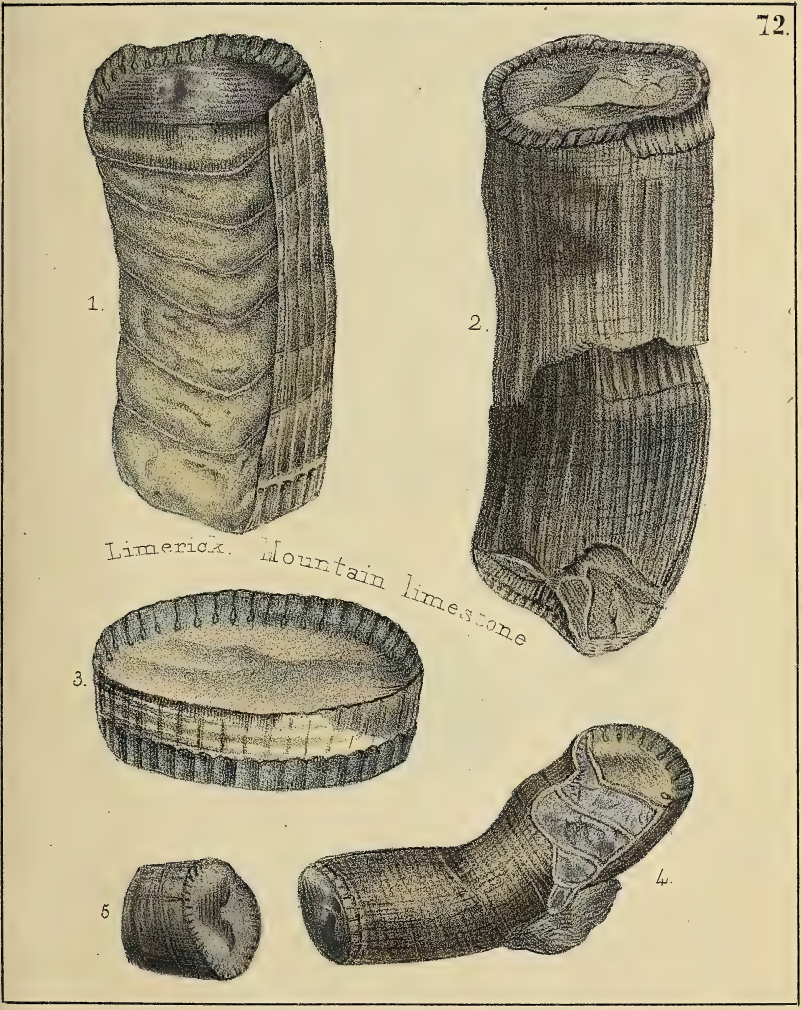
Tab. 67. Cucullaea glabra- Sow.-Tab.68. Fig.1.2. Productus longispinus Sow.
Fig.3.4. Prod. Flemingii Sow. Fig.5.6. Prod. spinulosus Sow. Fig.7.8. Prod. aculeatus Sow.





Tab.69.F.1.2.Productus scabriculus Sow.-Fig.3.4.Prod.spinosus Sow.-Fig.5.6.Prod. scoticus Sow.
Tab.70.F.1.2.Dentalium nitens Sow.Fig.3.Dent. entalis Sow.Fig.4.5.6.Dent. striatum Sow.Fig.7.Dent. decussatum Sow.
Fig.8.9.10.Dent. ellipticum Sow.Fig.11.Dent. costatum Sow.





Tab. 71. Fig. 1-4 Turbo littoreus. Lin. Fig. 5-7. Turbo rudis Lin.
Tab 72. Amplexus coralloides Sow

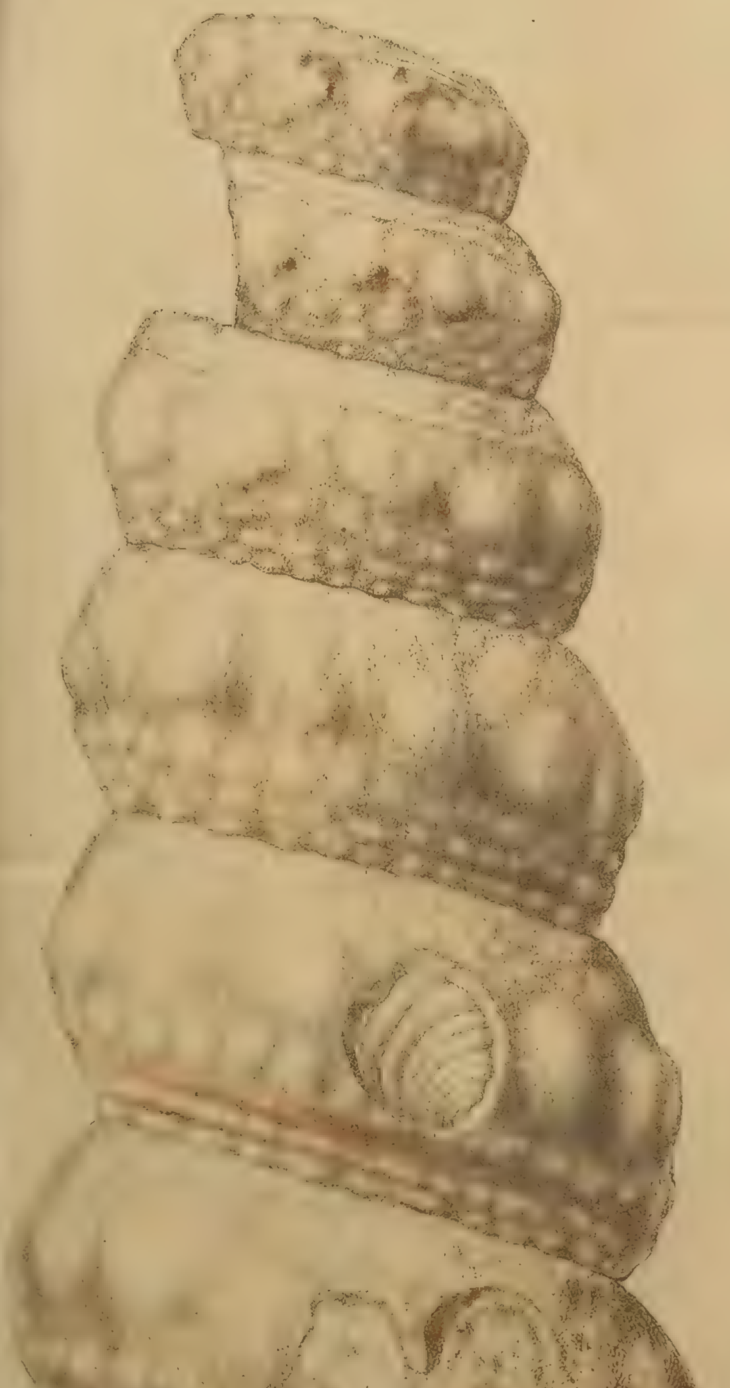
1.

Marston magna

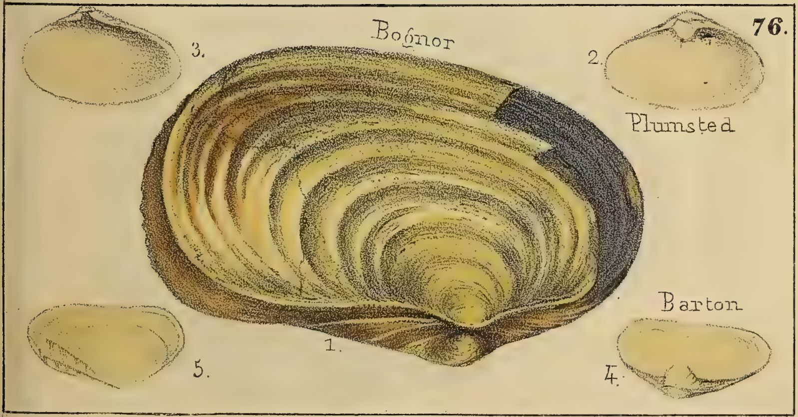
3. 4. 5

Ammonites planicostatus Sow.

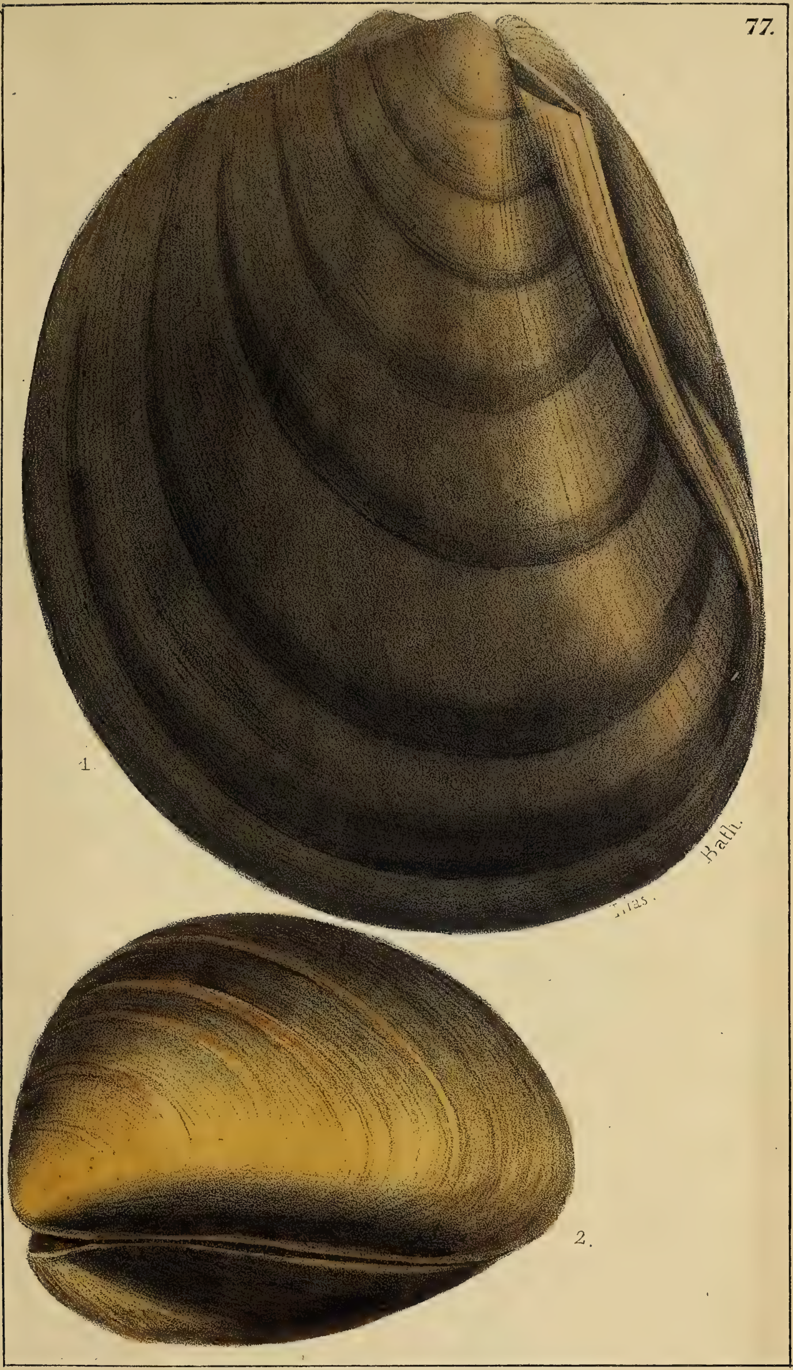
Chalk Marl.



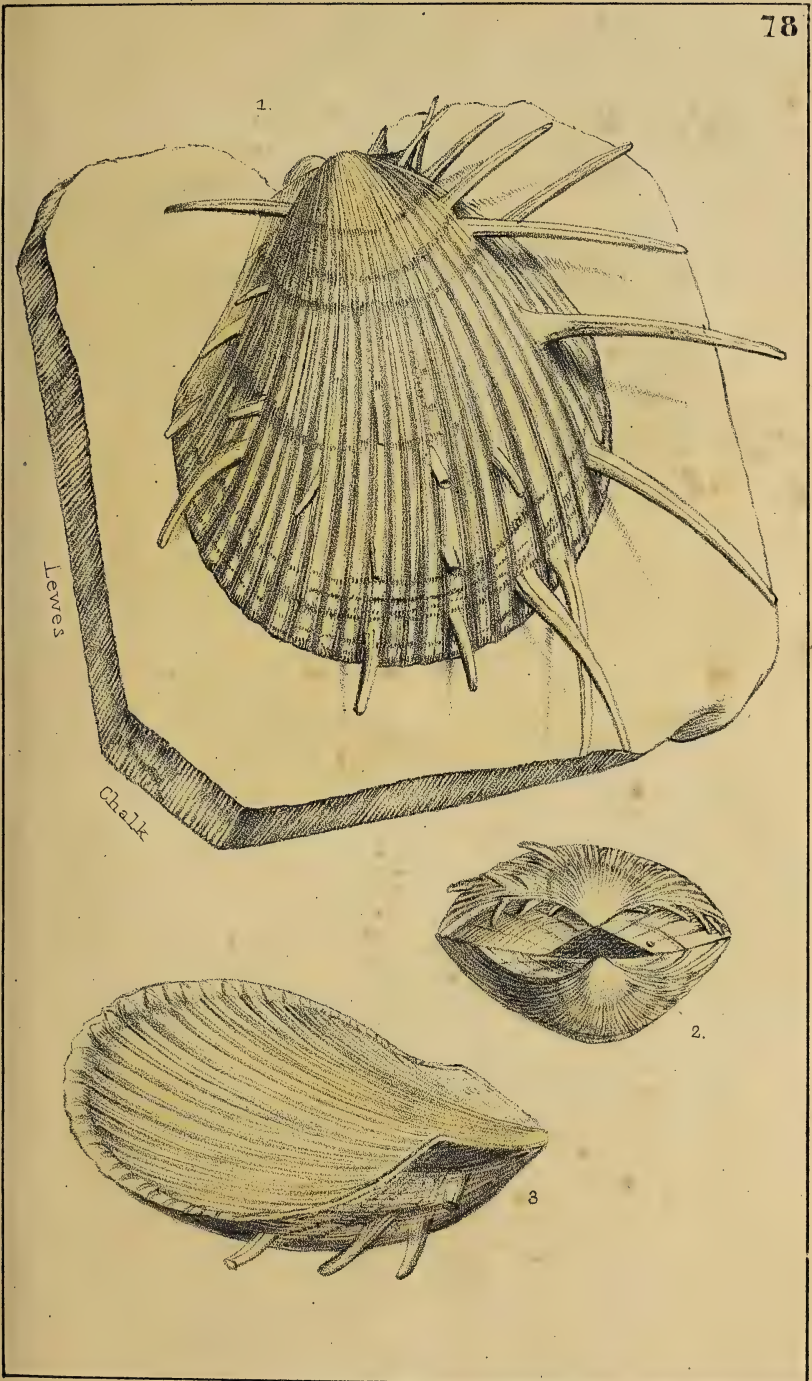
Tab 74. Turrilites tuberculatus Sow.



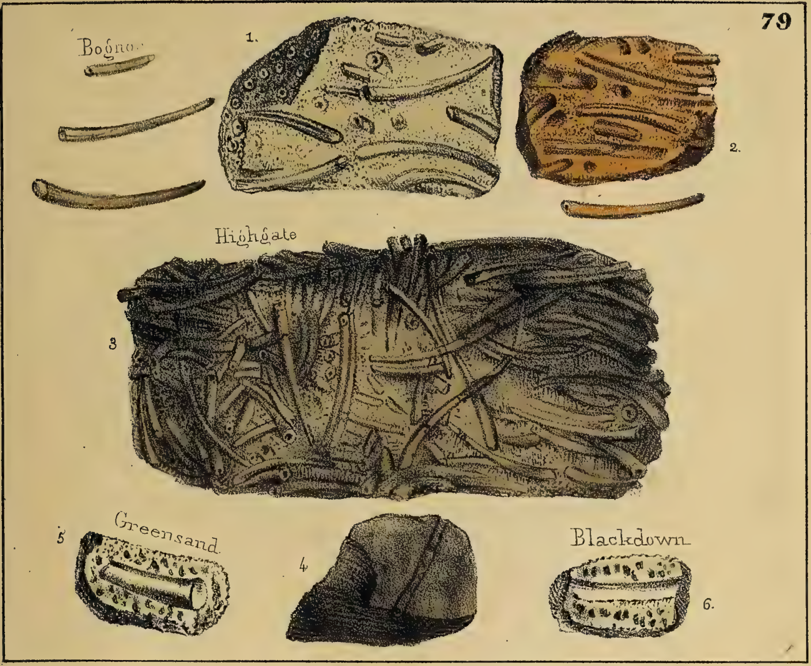
Tab.75 Fig.1-3. Turrilites undulatus Sow. Fig. 4. Tur obliquus Sow.
Tab. 76. Fig. 1 Mya intermedia Sow. Fig. 2.3. Mya plana Sow.
Fig 4.5. Mya subangulata Sow.

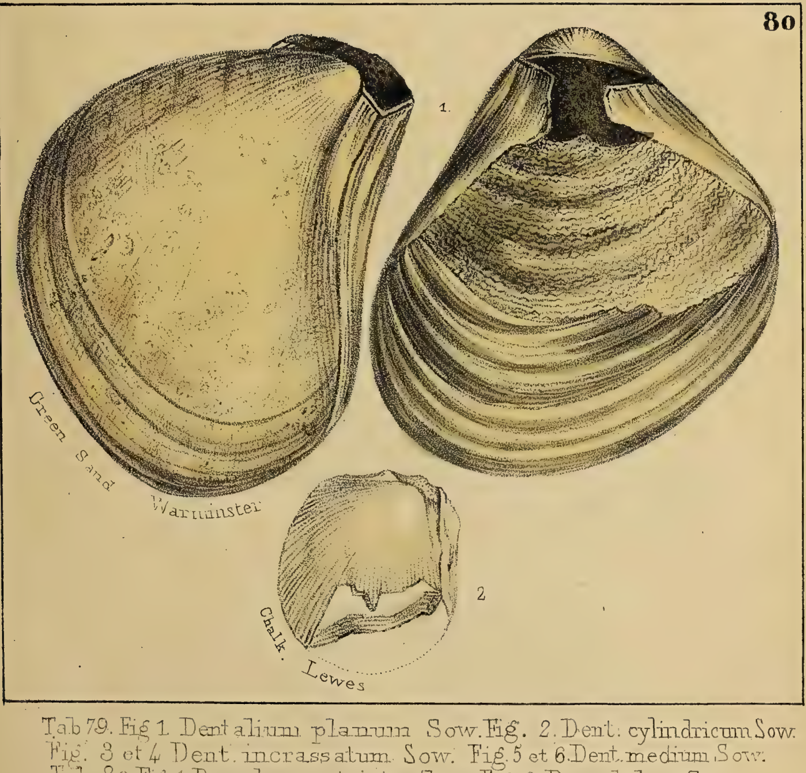


Plagiostoma giganteum Sow.



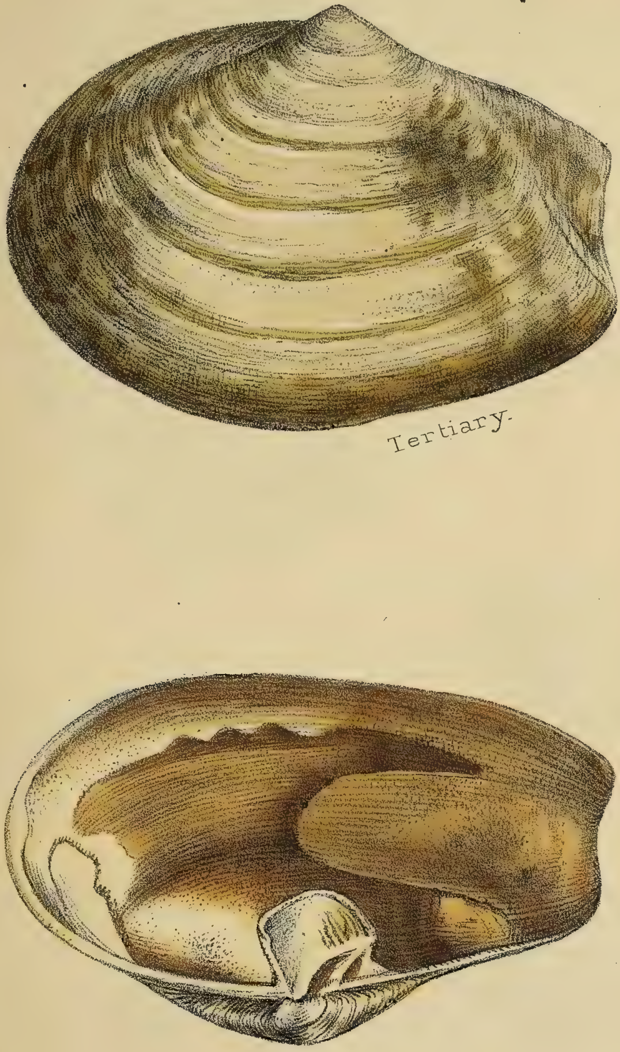
Plagiostoma spinosum Sow.



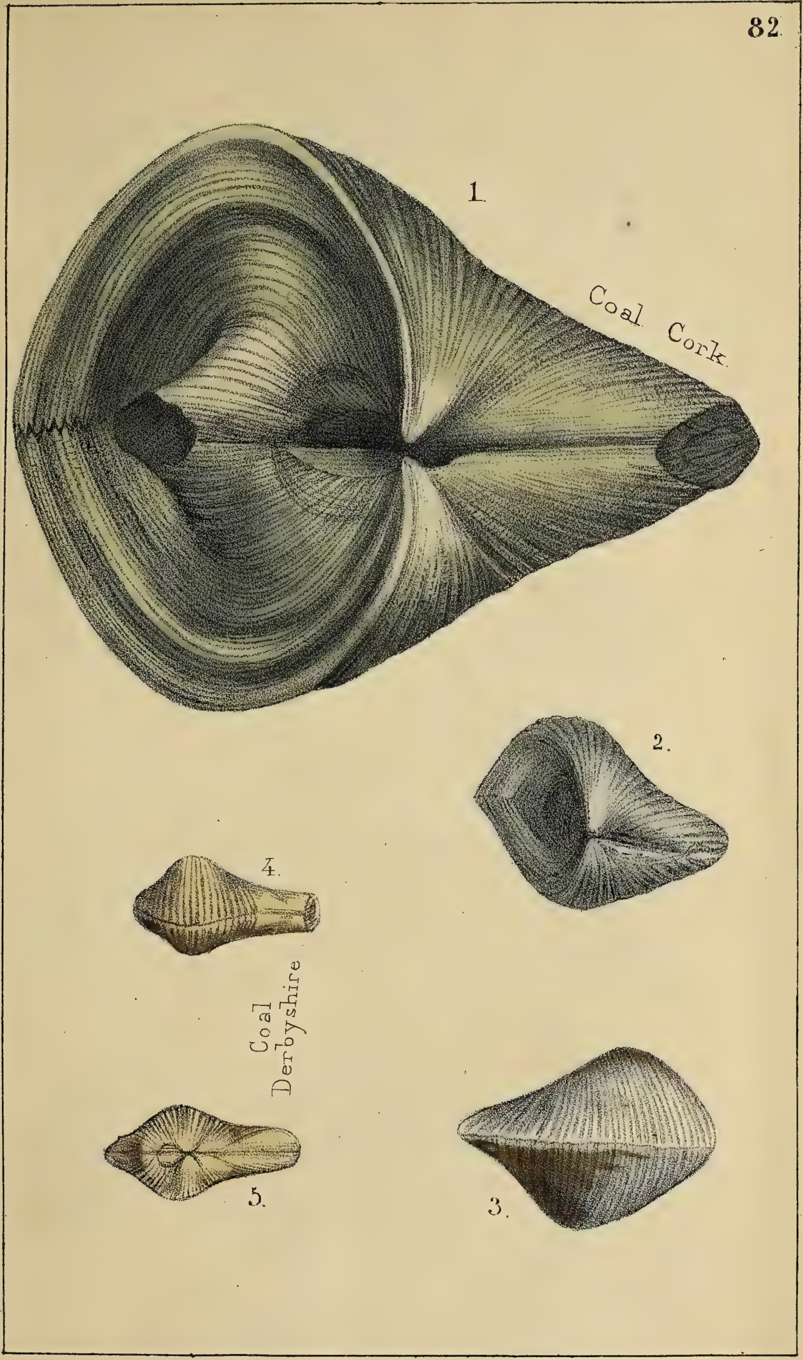


Tab 79. Fig 1. Dentalium planum Sow. Fig. 2. Dent: cylindricum Sow.
Fig. 3 et 4 Dent. incrassatum Sow. Fig 5 et 6. Dent. medium Sow.
Tab. 80. Fig. 1. Dianchora striata Sow. Fig. 2. Dianch. lata Sow

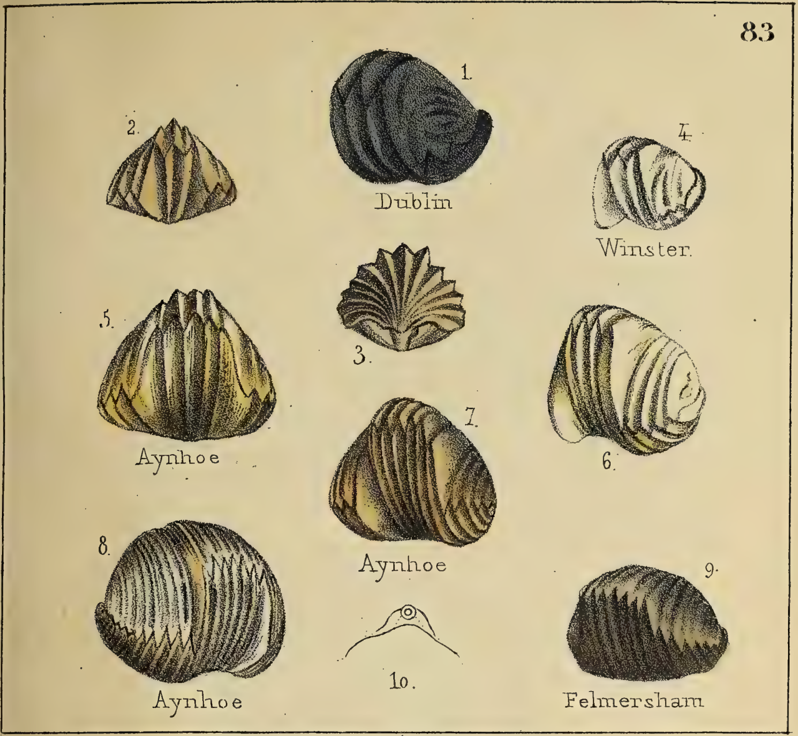
81.

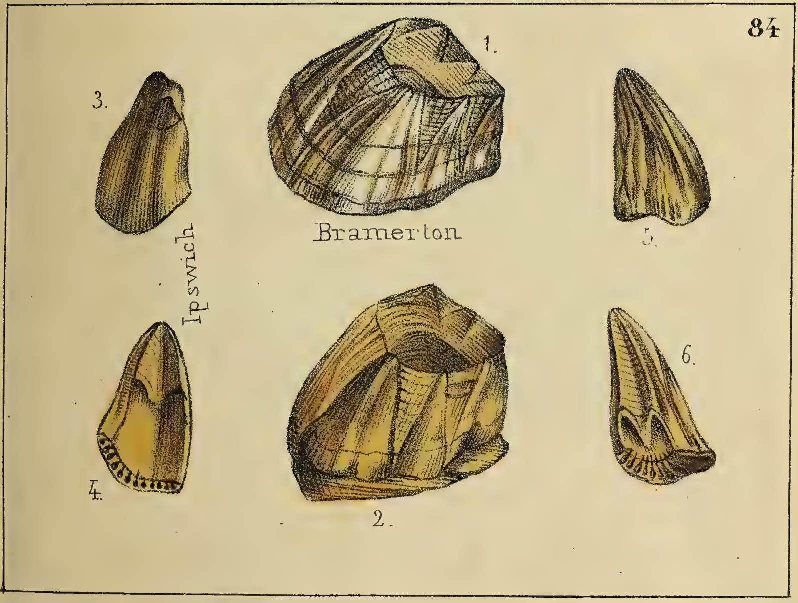


Tab. 81. Mya lata Sow.



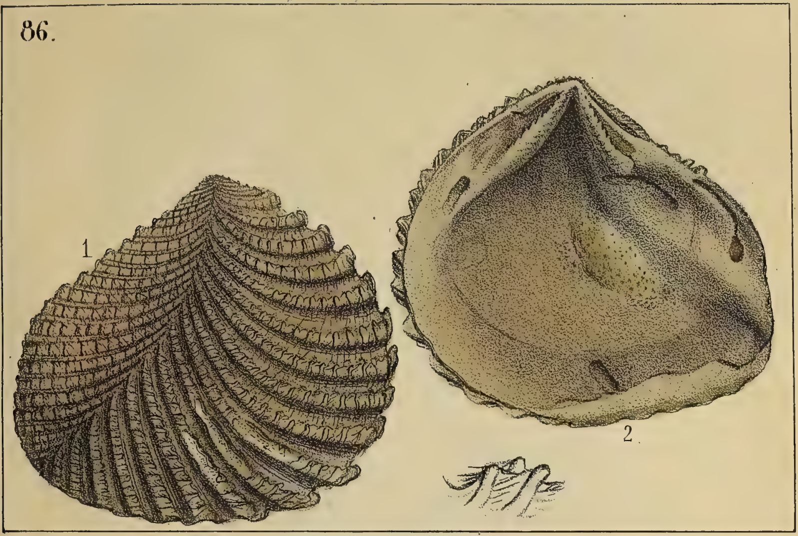
Tab. 82. Fig. 1. 2. 3. Cardium hibernicum Sow.
Fig. 4. 5. Card. elongatum Sow.

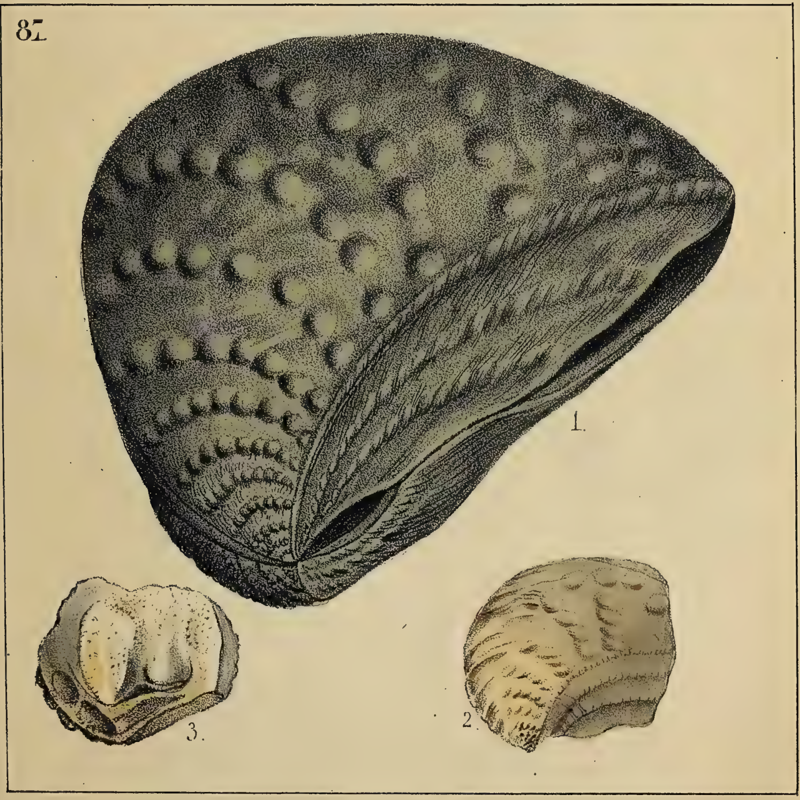




Tab. 83. Fig. 1. Terebratula lateralis Sow. - Fig. 2. 3. 4. Tereb. crumena Sow.
Fig. 5. 6. Tereb. tetraedra Sow. - Fig. 7. Tereb. media Sow.
Fig. 8. Tereb. concinna Sow. - Fig. 9. Tereb. obsoleta Sow.
Tab. 84. Fig. 1. 2. Balanus tesselatus Sow. - Fig. 3-6. Balan. crassus Sow.

Tab. 85. Trigonia costata Park.

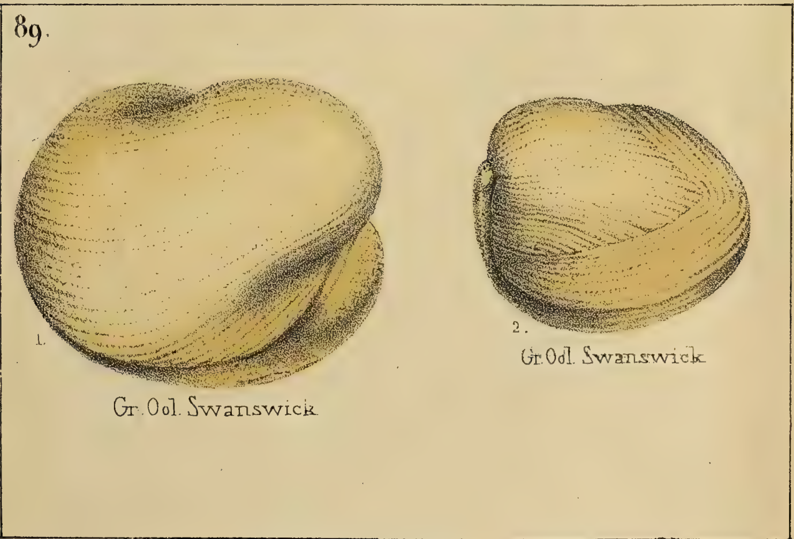




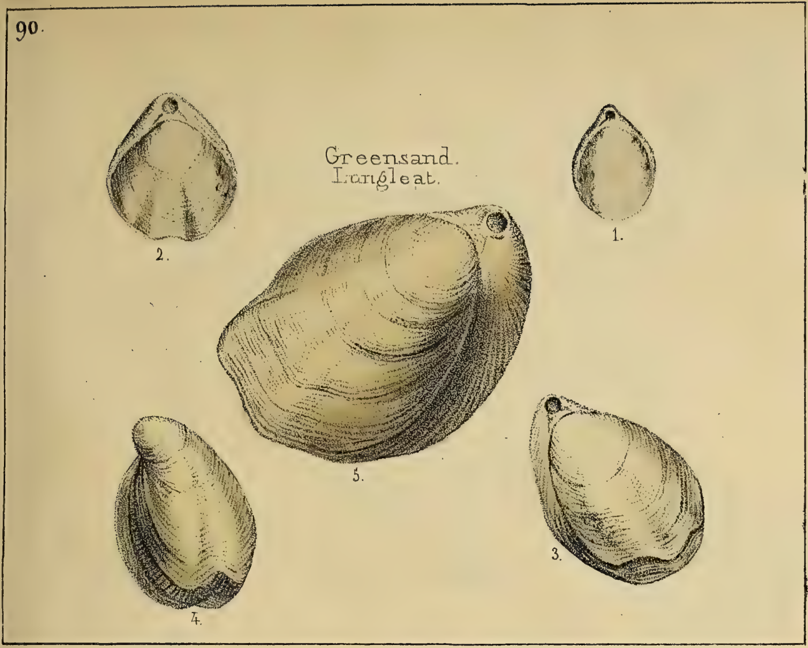
Tab. 86. Trigonia spinosa Sow. Tab. 87. Fig. 1 Trig. clavellata Sow. Fig. 2. 3. Trig. daedalea Sow.

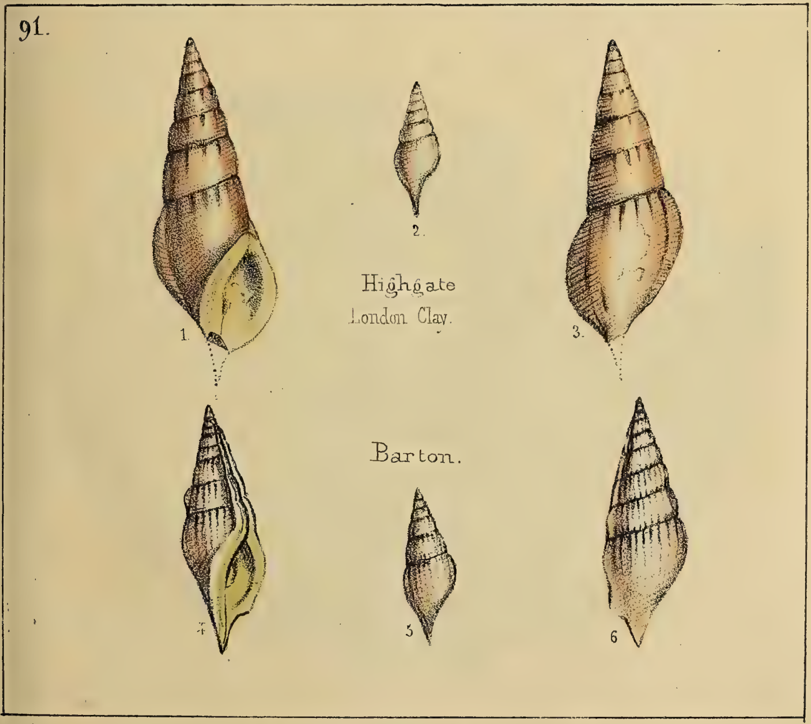
88.

89.

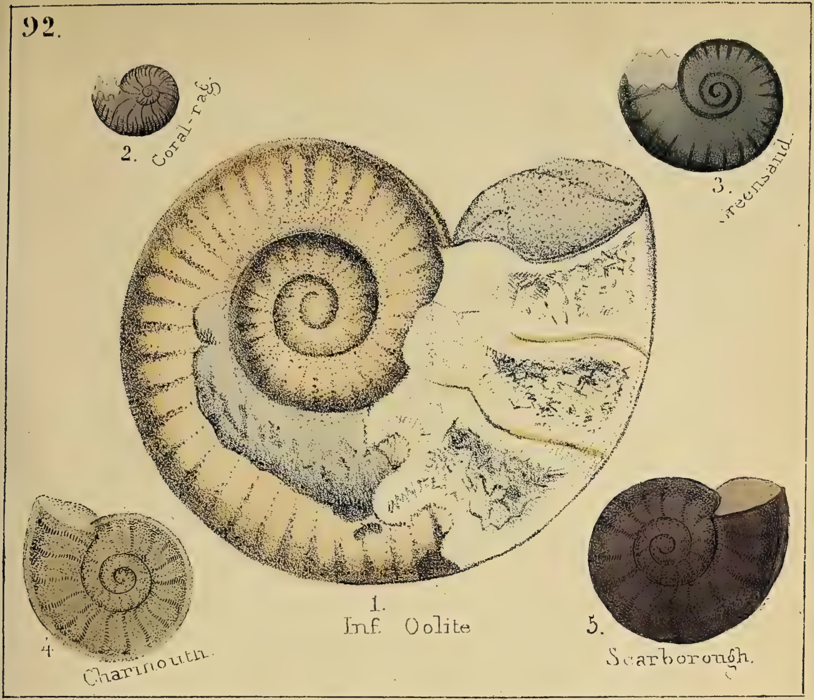


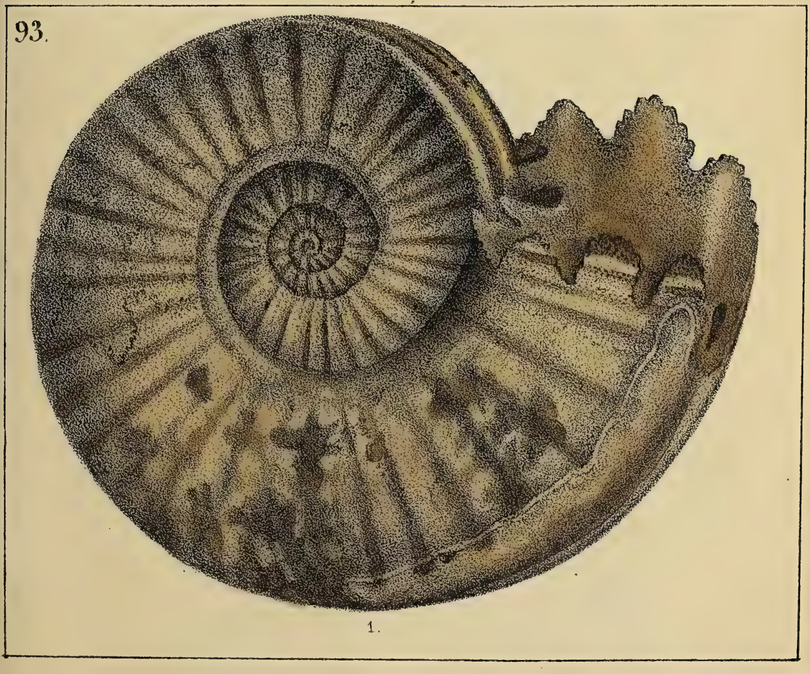
Tab. 88. Trigonia dædalea Park.
T. 89. Fig. 1 Cardita striata Sow. Fig. 2. Card. abrupta Sow.





Tab. 90. Fig. 1-5. Terebratula biplicata Sow.
Tab. 91. Fig. 1-3. Rostellaria lucida Sow.-Fig. 4-6. Rost. rimosa Sow.





Tab. 93. Ammonites stellaris Sow.

Tab. 92. Fig. 1. Ammonites jugosus Sow. – Fig. 2. Am. triplicatus Sow. – Fig. 3. Am binus Sow.
Fig. 4. Am. ellipticus Sow. – Fig. 5. Am. nodosus Sow.

Ilminster

1.

Ilminster

2.

Tab. 94. Fig. 1. Ammonites elegans Sow. — Fig. 2. Am. concavus Sow.

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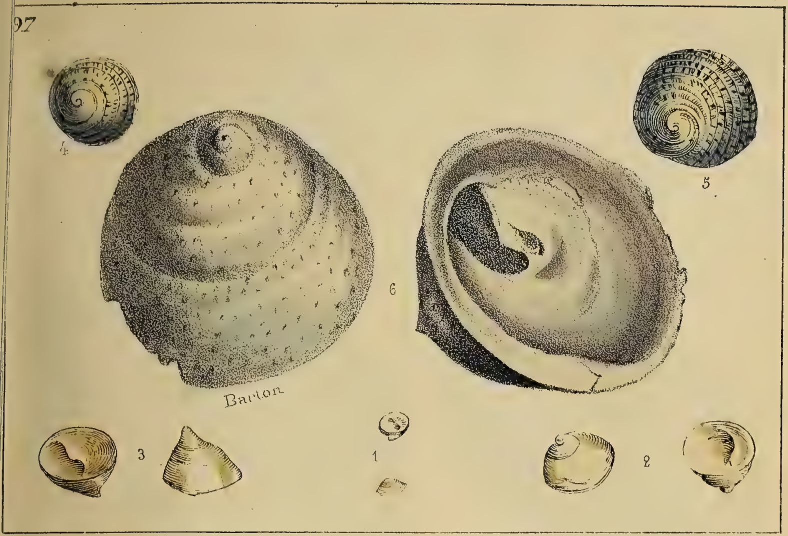
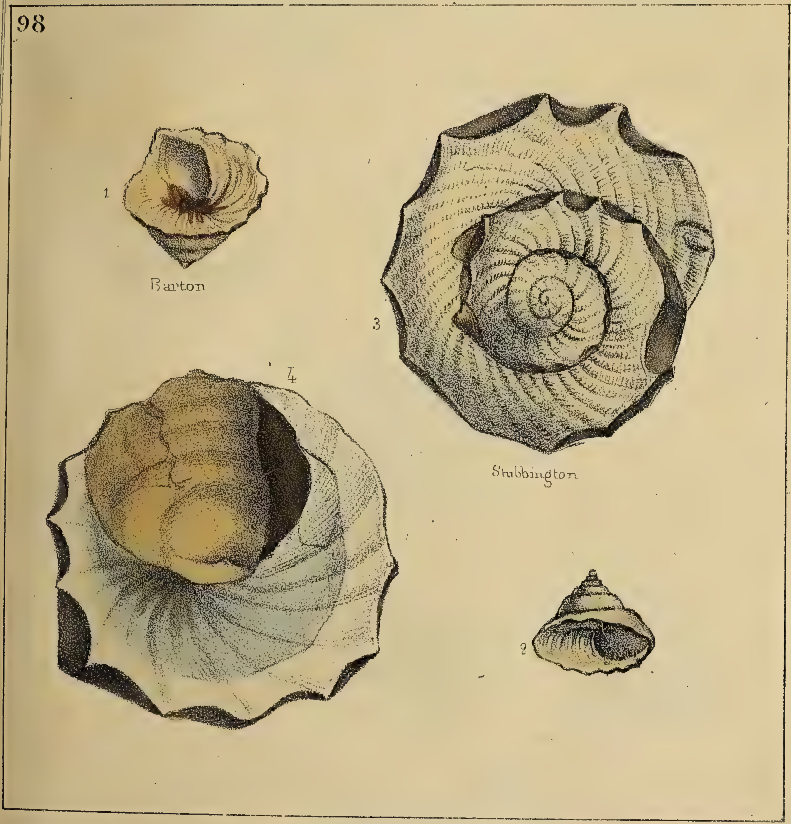
95.

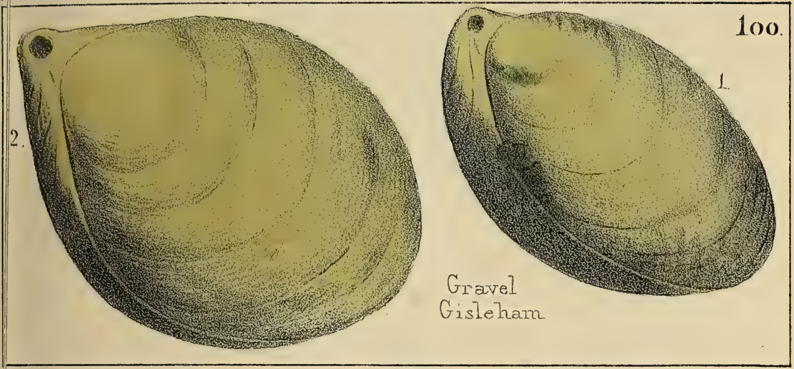
96.

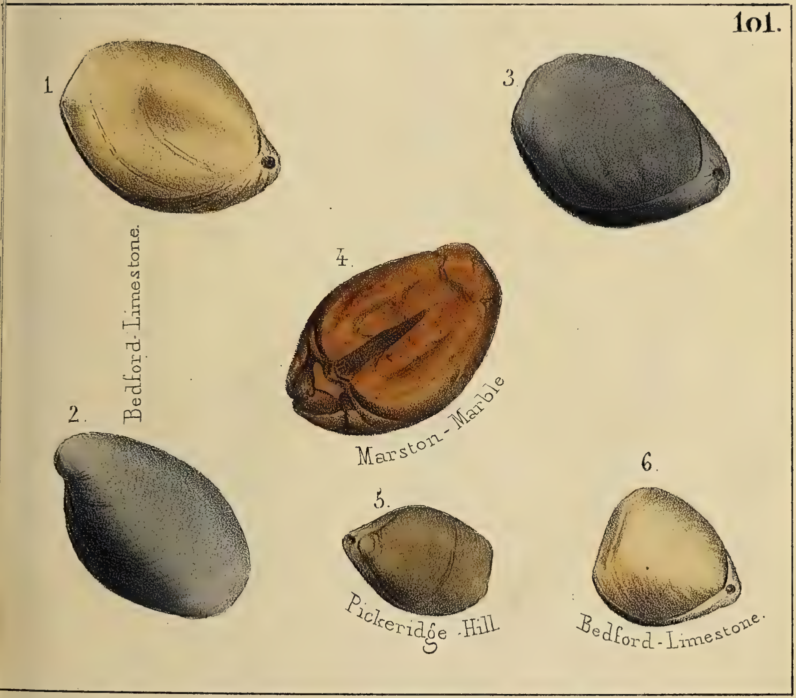
Tab. 95 Ammonites [illegible] Sow. – Tab. 96 Terebratula digona Sow.



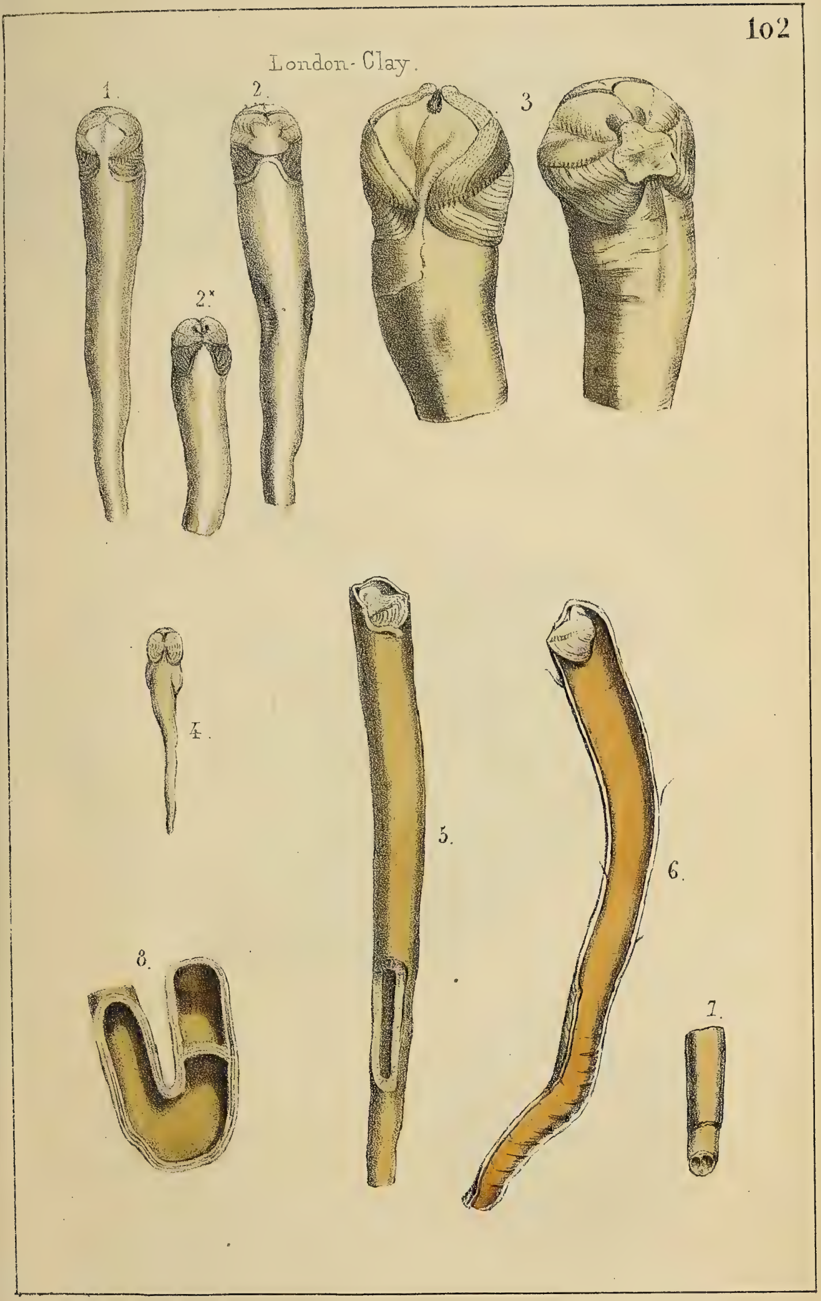


Tab. 79. Fig. 1. Infondibulum (Calyptroæ) obliquum Sow. – Fig. 2. Inf. echinulatum Sow.
Fig. 3. Inf. rectum Sow. – Fig. 4. 5. Inf. tuberculatum Sow. – Fig. 6. Inf. spinulosum Sow.
Tab. 98. Fig. 1. 2. Trochus agglutinans Lmk. – Fig. 3. 4. Trochus benettiæ Sow.

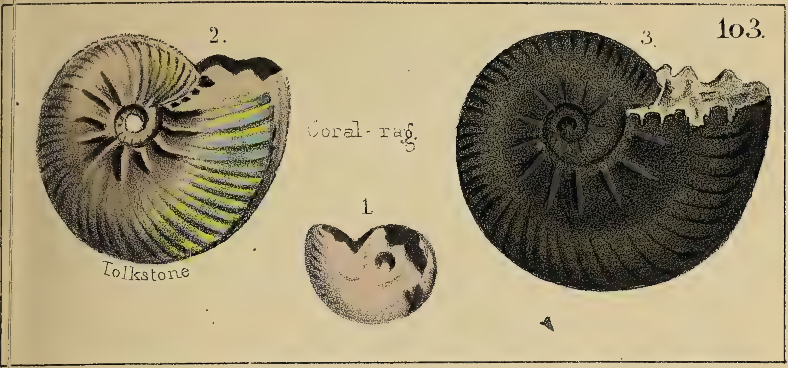


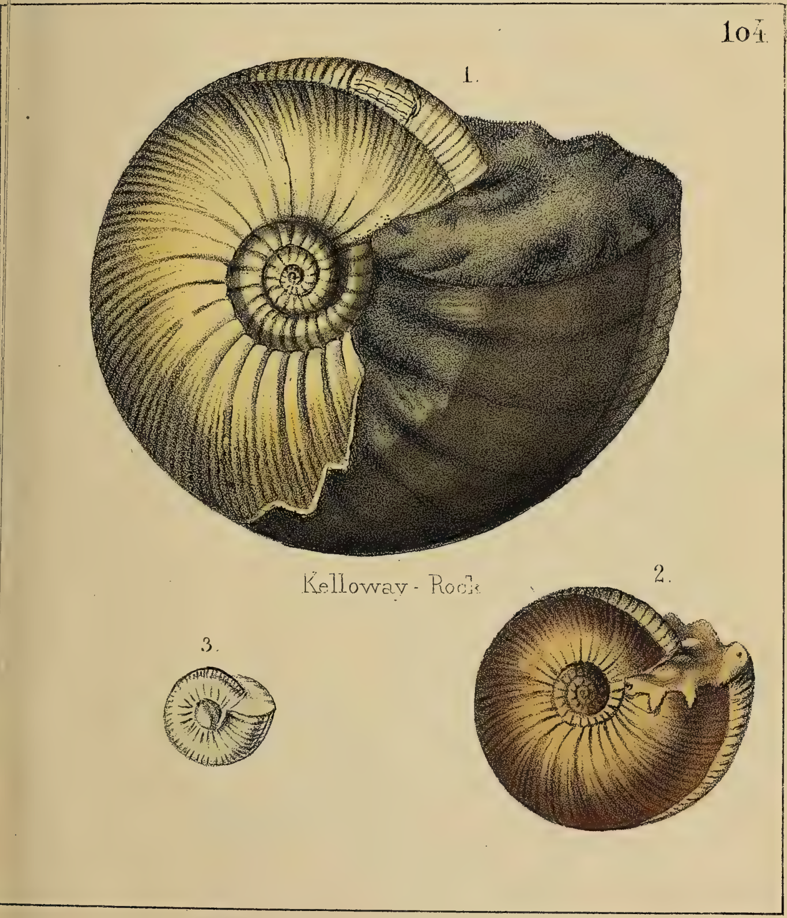


Tab. 99. Fig. 1 et 2. Ancilla aveniformis Sow.-Fig. 3 et 4. A. turitella Sow.
Tab. 100. Fig. 1. Terebratula ovoides Sow.-Fig. 2. T. lata Sow.
Tab. 101. Fig. 1. 2. 5. Terebratula ornithocephala Sow. Fig. 4. T. lampas Sow.
Fig. 5. T. obovata Sow.



Teredo antenautae Sow.

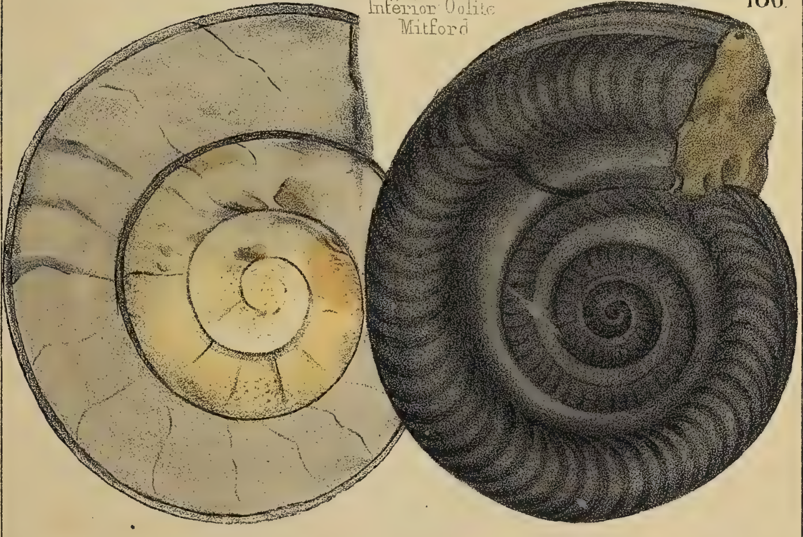




Tab. 103. Ammonites splendens Sow.
Tab. 104. Ammonites Calloviensis Sow.

105.

106.



Tab. 105. Ammonites excavatus Sow.
Tab. 106. Ammonites Walcotii Sow.

1.

2.

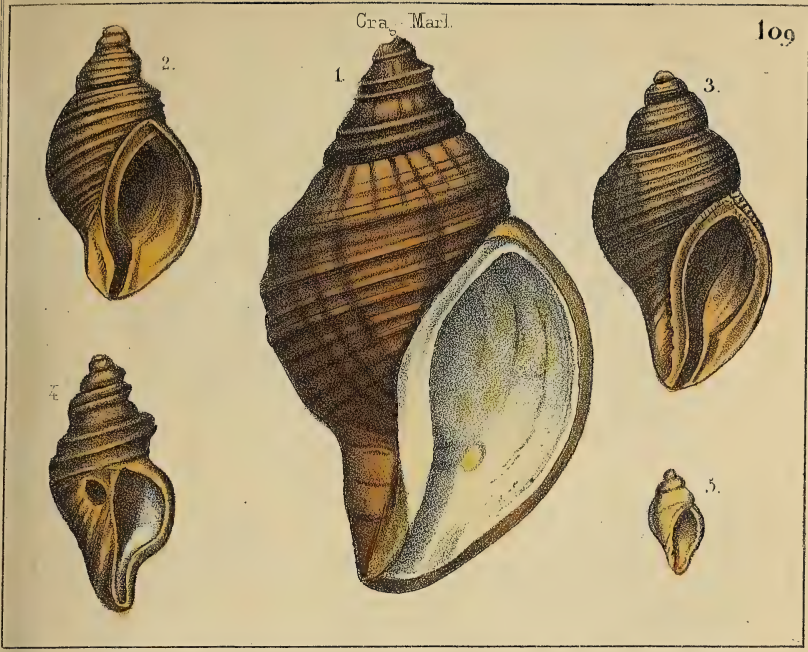
Alum Shale.
Whitby.

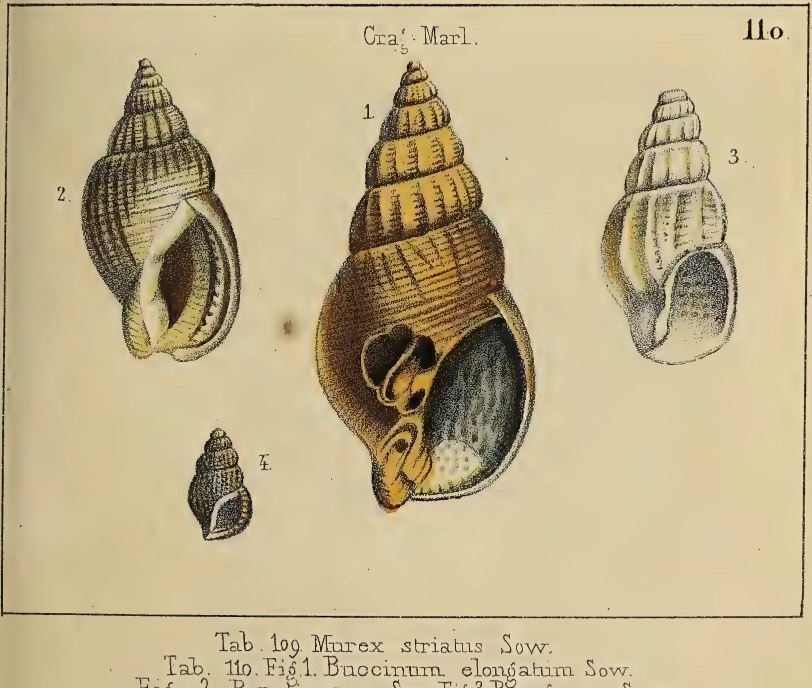
3.

Fig. 1. Ammonites angulatus Sow.
Fig. 2. 3. Ammonites communis Sow.

Greensand

Ammonites Nutfieldiensis Sow.





Tab. 109. Murex striatus Sow.
Tab. 110. Fig. 1. Buccinum elongatum Sow.
Fig. 2. B. reticosum Sow. - Fig. 3. B. rugosum Sow.
Fig. 4. B. granulatum Sow.

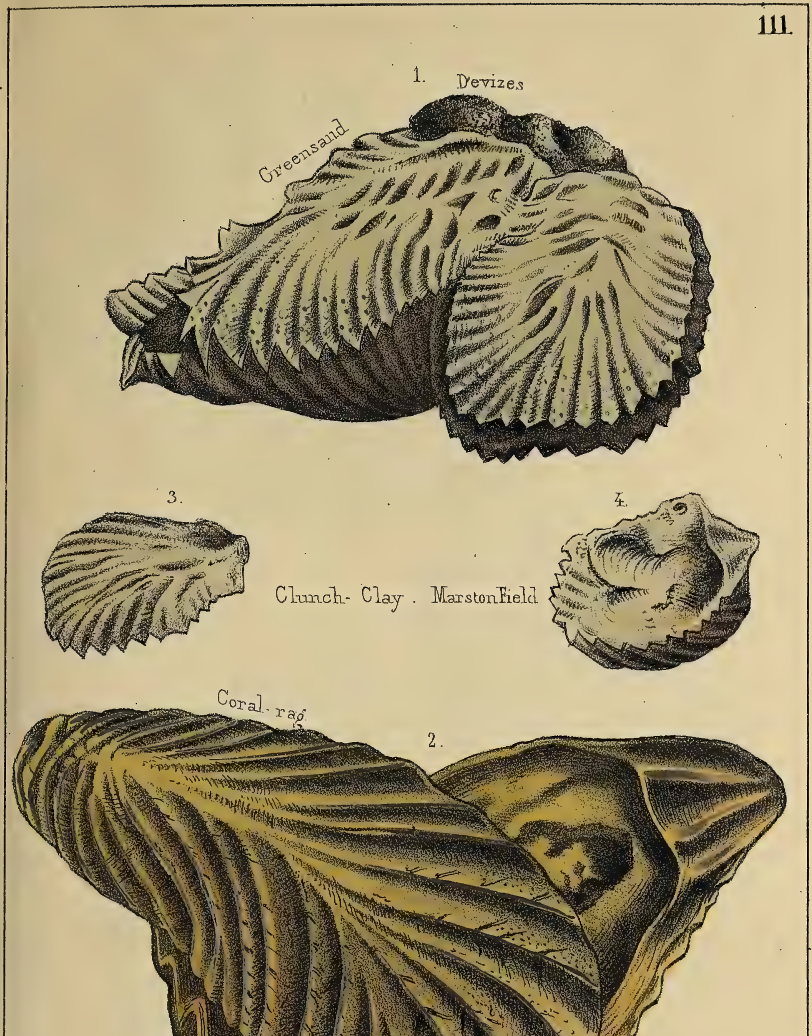
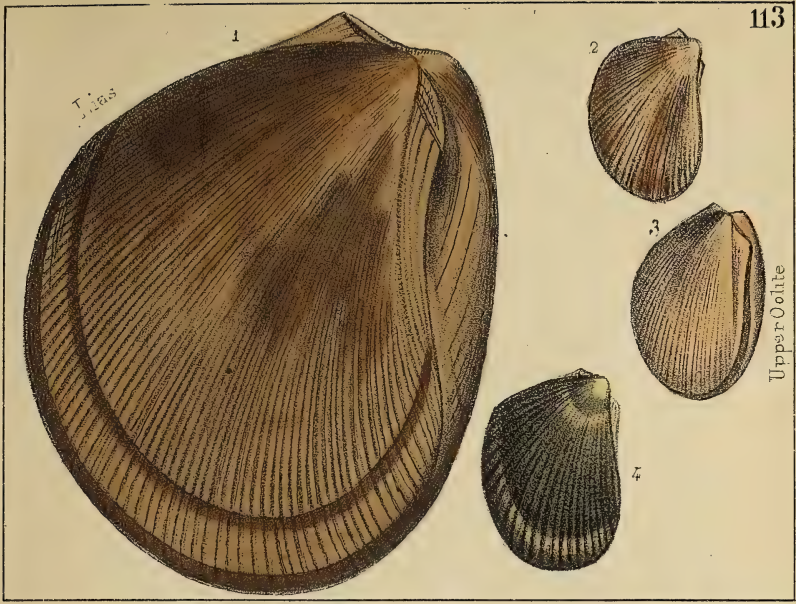
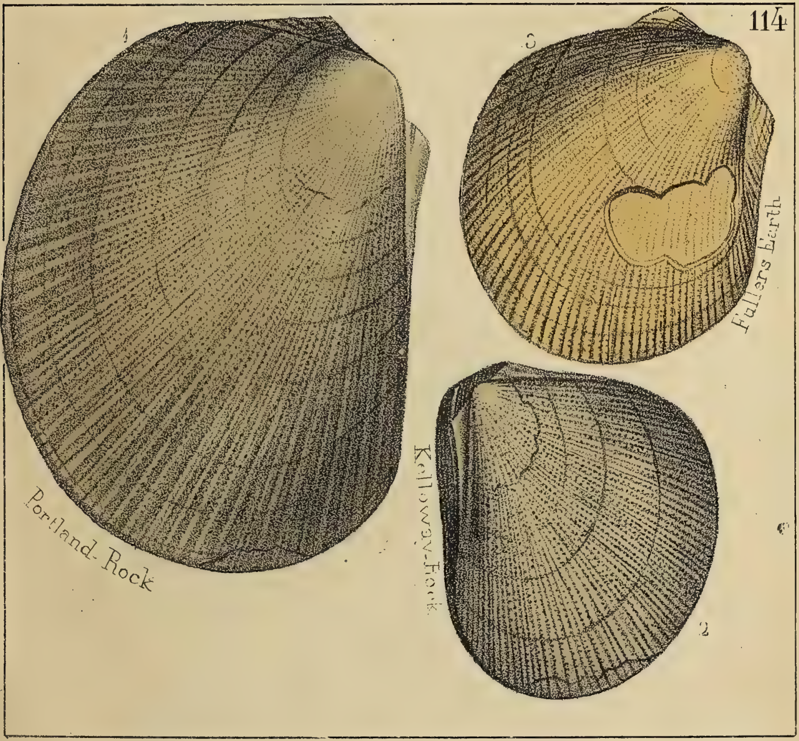


Fig. 1 et 2. Ostrea gregarea Sow.
Fig. 3 et 4. O. palmetta Sow.

Lias

Fig. 1-2 Gryphæa incurva Sow. - Fig 3 Gryphæa obliquata Sow.-





Tab. 113. Fig. 1. 2 Plagiostoma punctata Sow. Fig. 3. 4 Plag: cardüformis Sow.
Tab. 114. Fig. 1 Plag: rigida Sow. Fig. 2. Plag: obscura Sow.
Fig. 3. Plag: ovalis Sow.

116

Lon

Fig. 1. Voluta luctat
Fi

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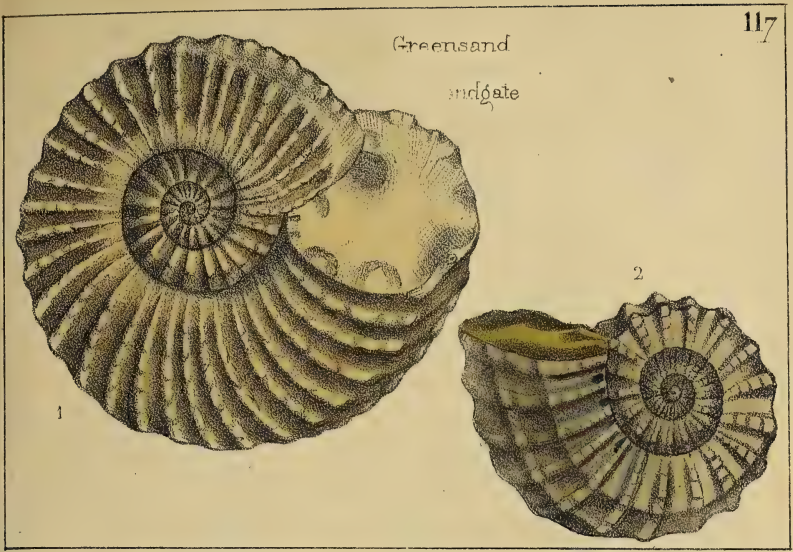
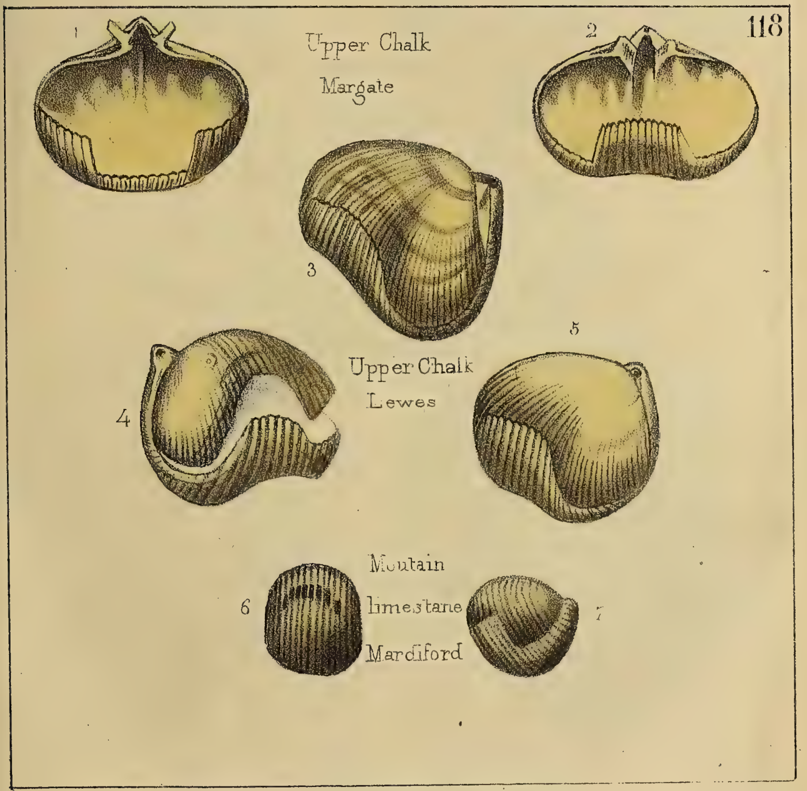
g. 1 Voluta luctator Sow. Fig. 2.3.4 Voluta spinosa Lam.

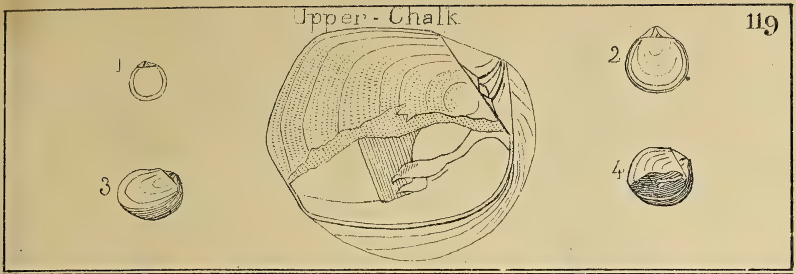
116

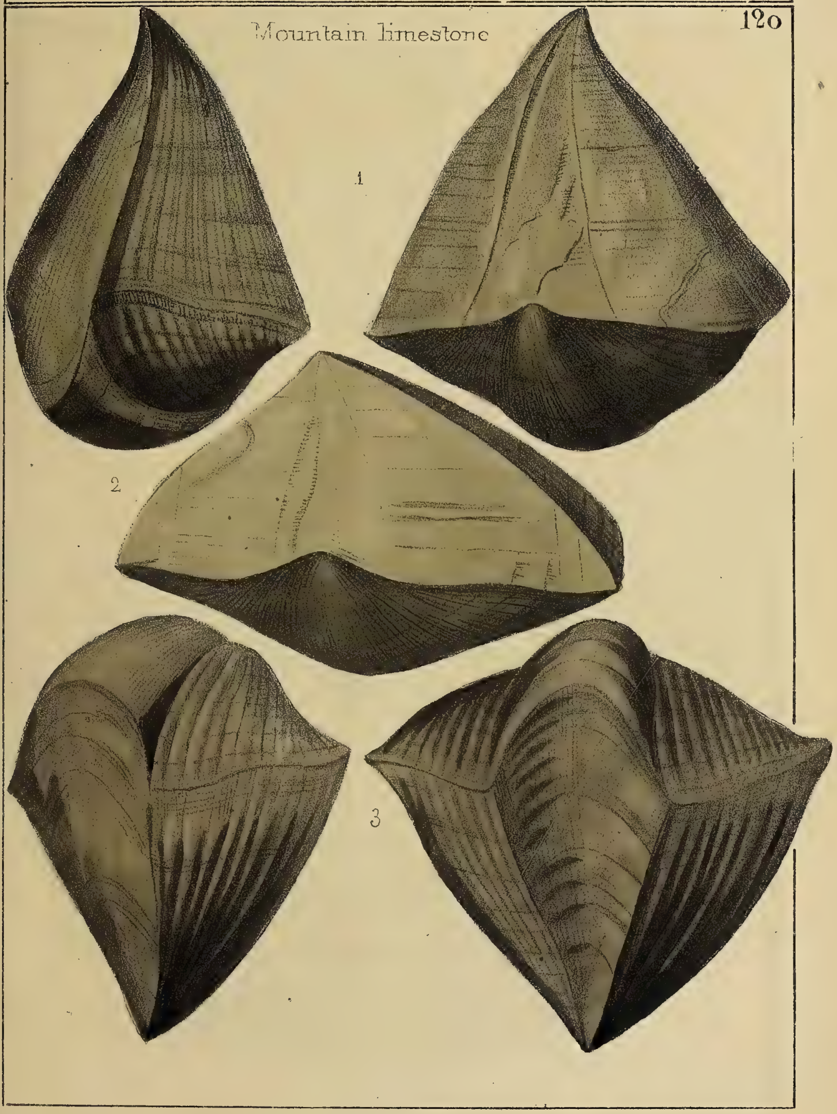
Nautilus elegans Sow.





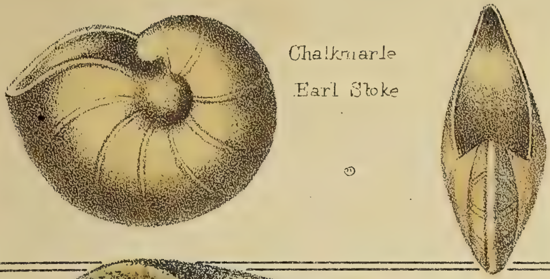
Tab. 117. Ammonites monile. Sow.- Tab. 118. Fig. 1.3. Terebratula plicatilis. Sow
Fig. 4.5. Tereb. octaplicata. Sow.- Fig. 6.7. Tereb. Wilsoni. Sow.-





Tab 119. Magas pumilus. Sow.-Tab.120 Spirifer cuspidatus. Sow.-

121

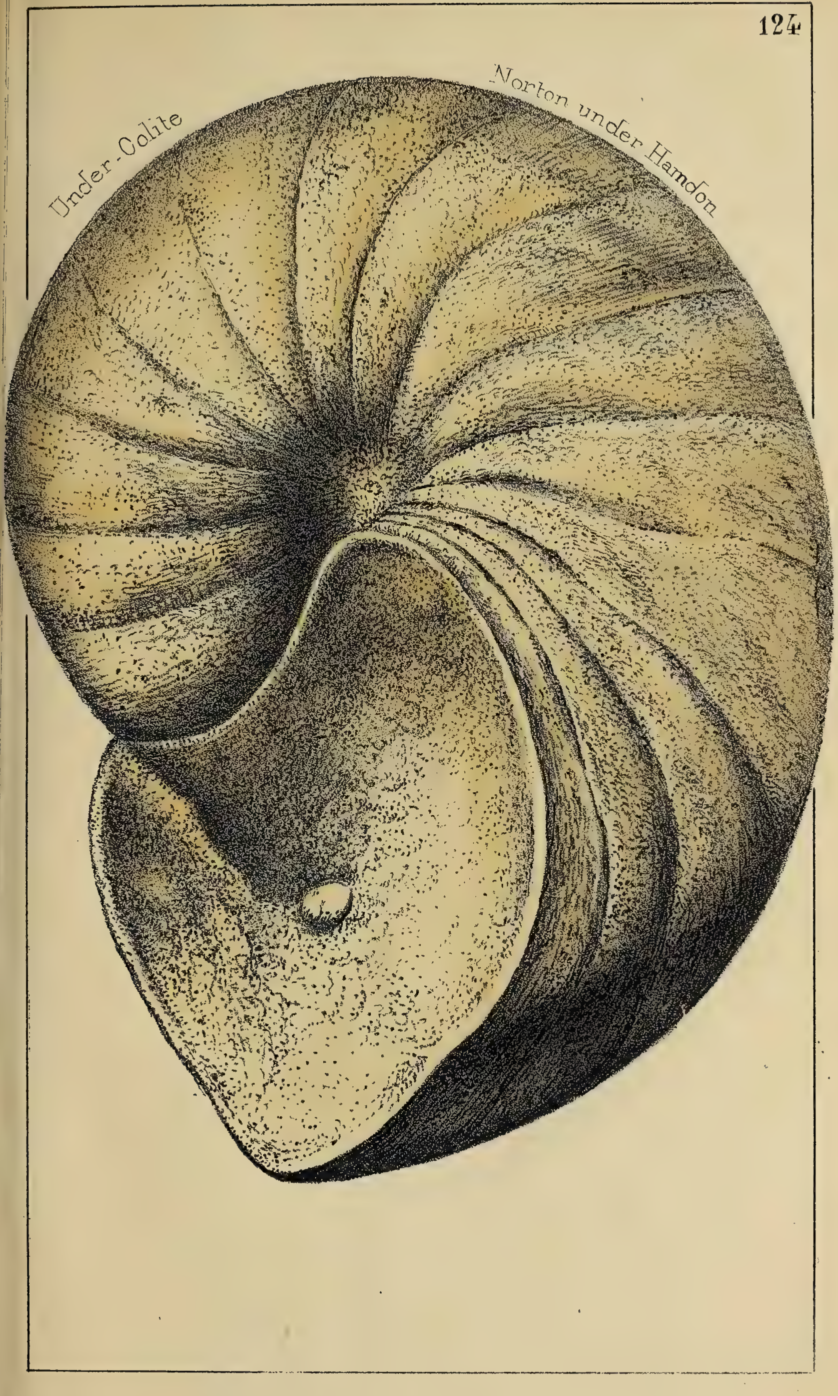


122

Tab. 121. Nautilus Comptoni. Sow.
Tab. 122. Nautilus simplex. Sow.

123

Nautilus truncatus. Sow.

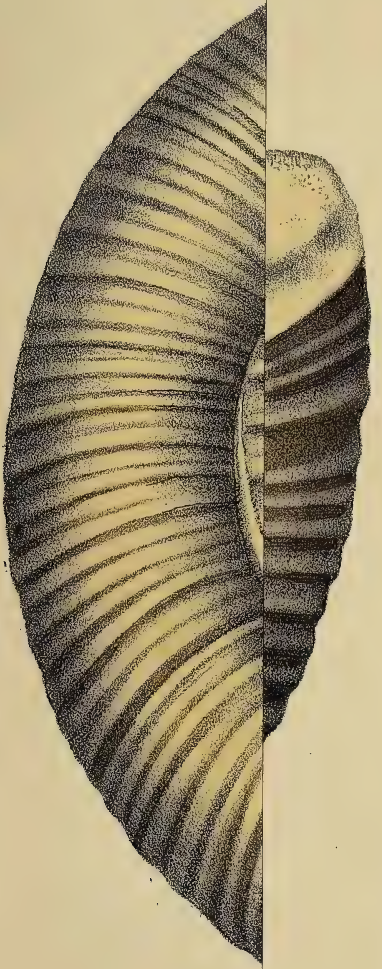


Nautilus obesus. Sow.

125

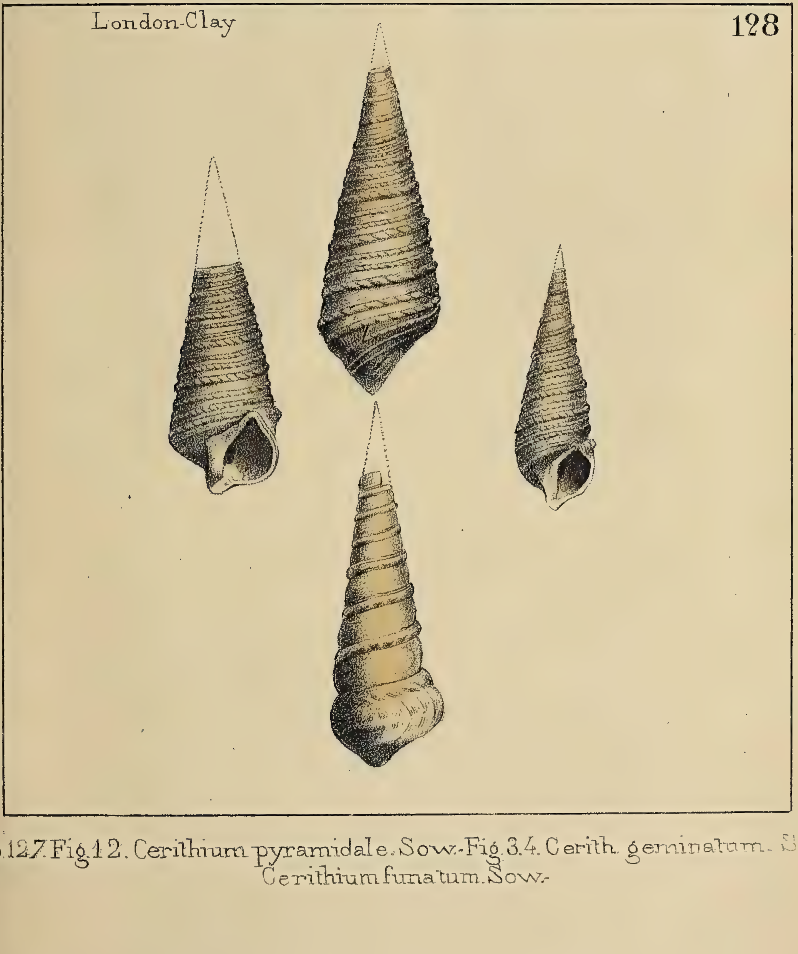
Nautilus intermedius. Sow.

126



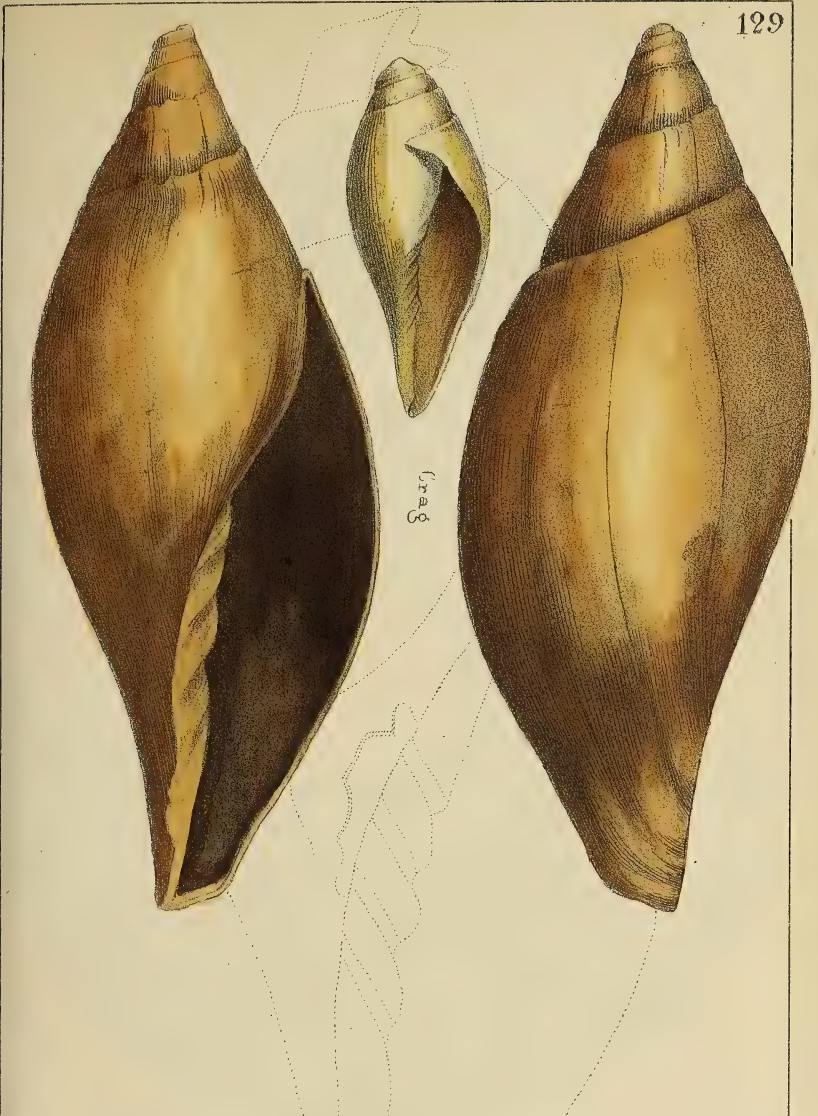
126

Ammonites giganteus



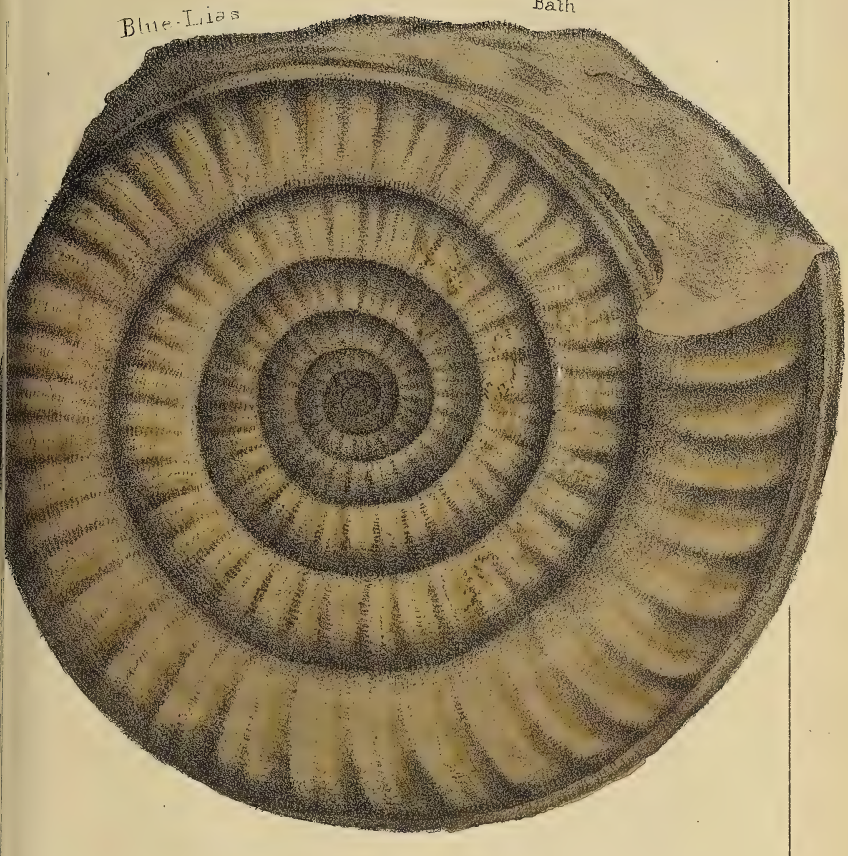
Tab.127. Fig.1.2. Cerithium pyramidale. Sow.- Fig.3.4. Cerith. geminatum. Sow
Cerithium funatum. Sow.-

129



Volutа Lamberti. Sow.

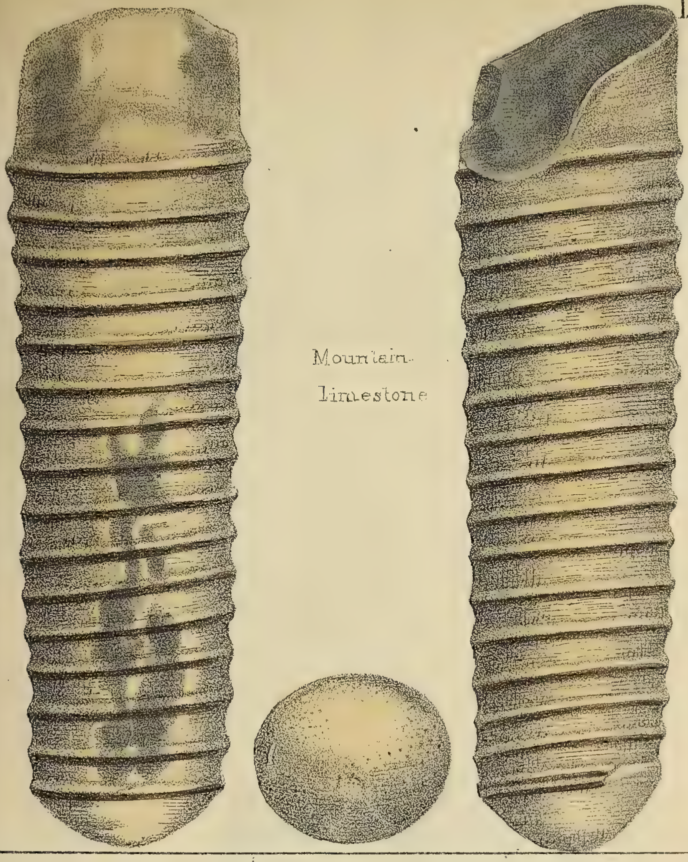
Ammonites. Bucklandi. Sow.



Ammonites Conybeari. Sow.-

Ammonites Greenoughi. Sow.

133.



134

Tab. 133 Orthocera annulata. Sow. – Tab. 134. Ammonites auritus. Sow

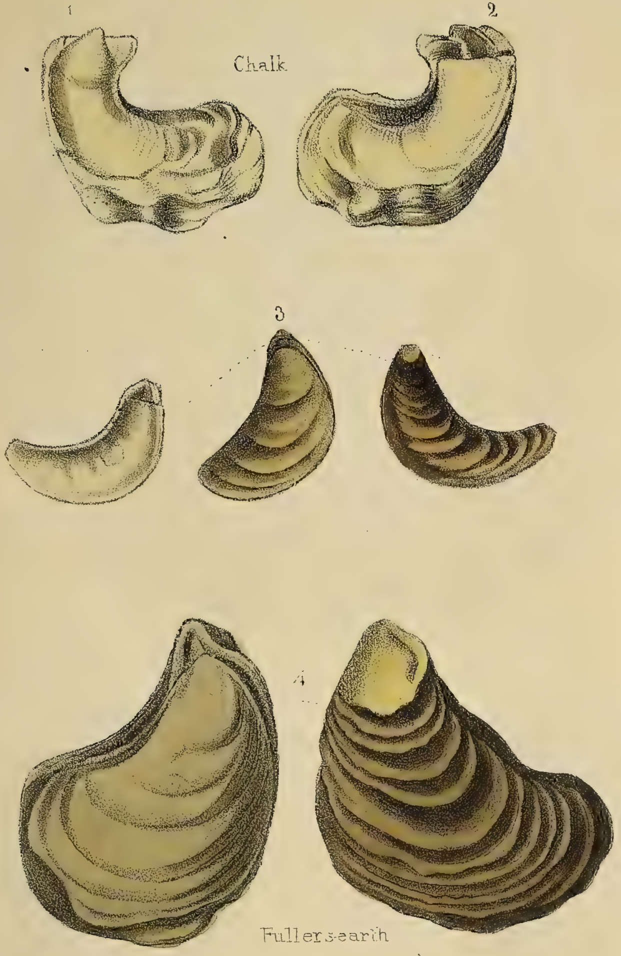


Fig. 1. 2. Ostrea canaliculata. Sow. - Fig. 3. 4. Ost. acuminata Sow

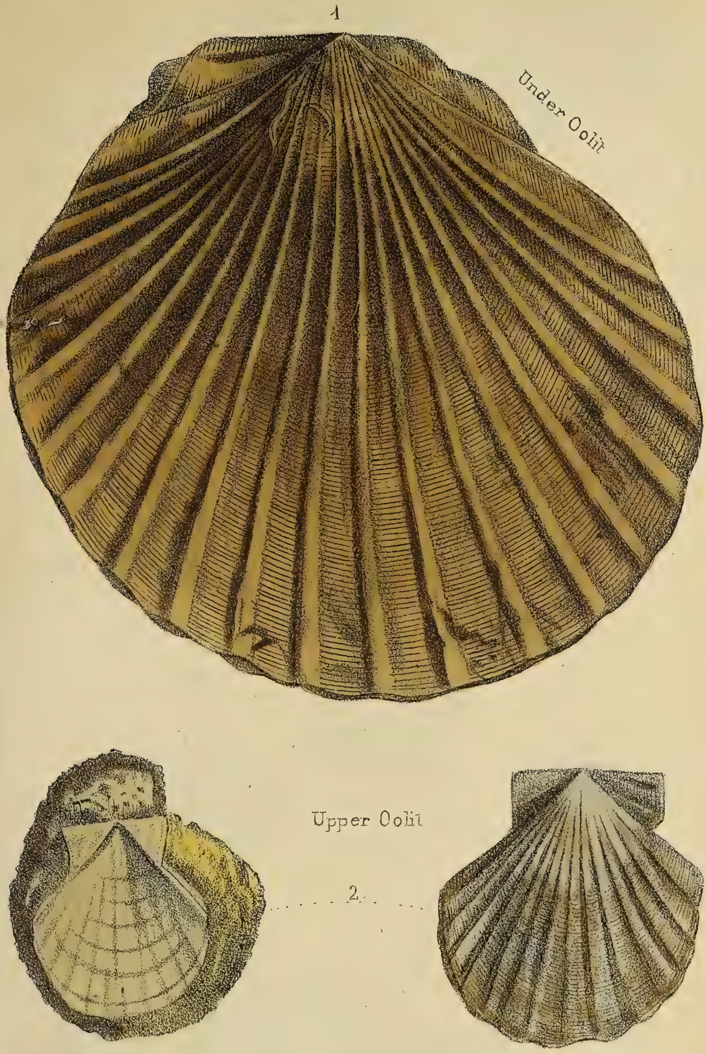
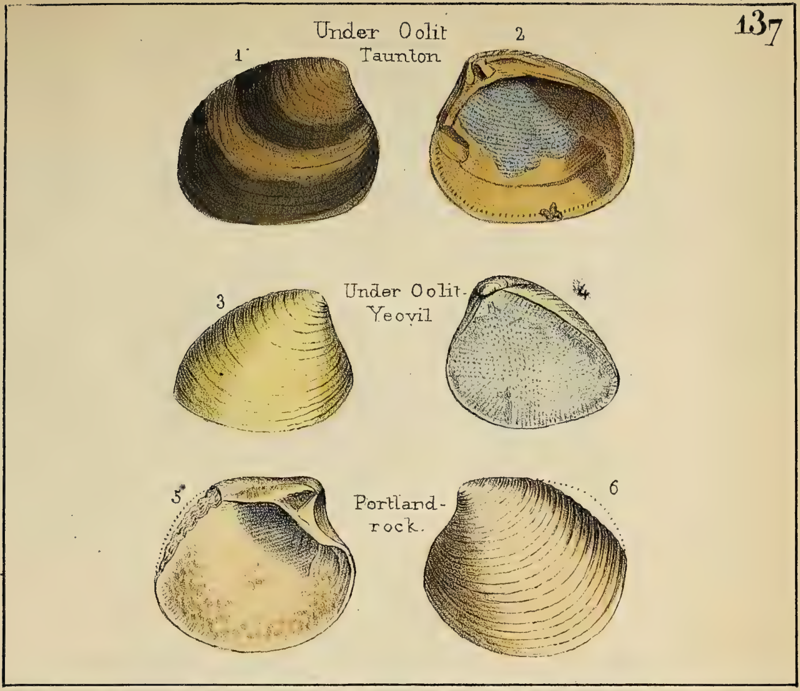
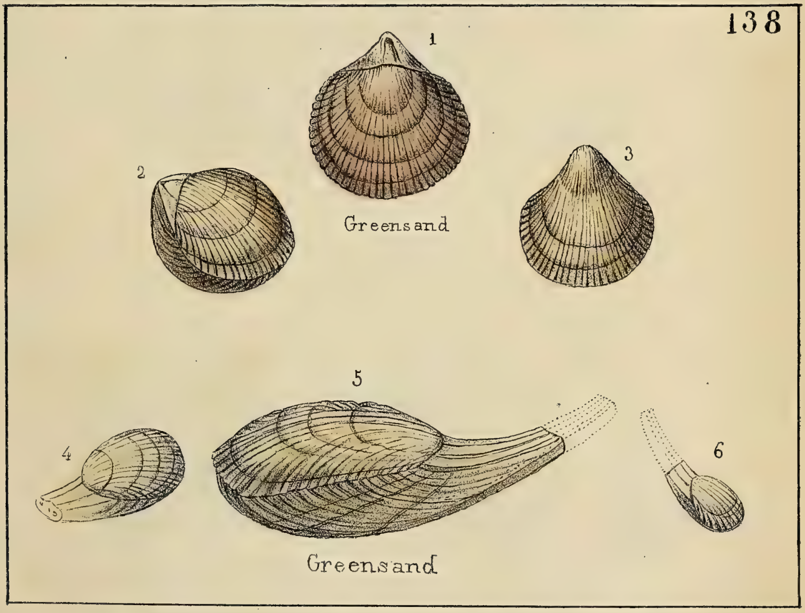
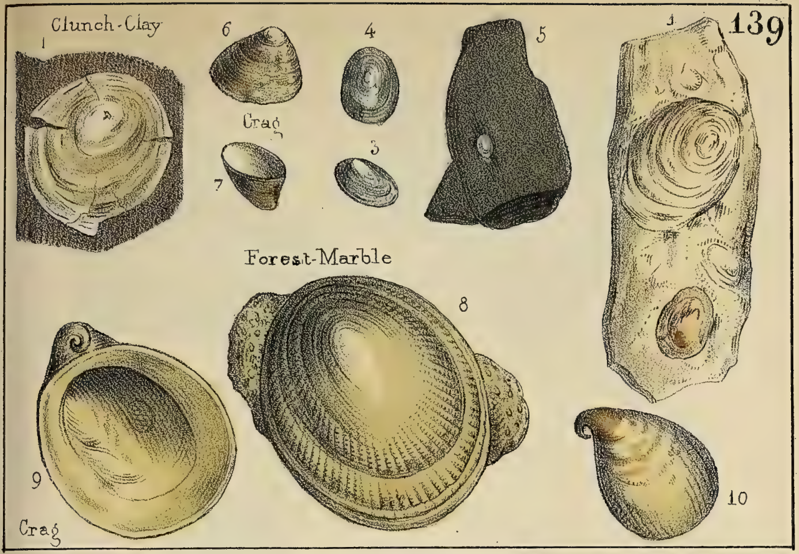


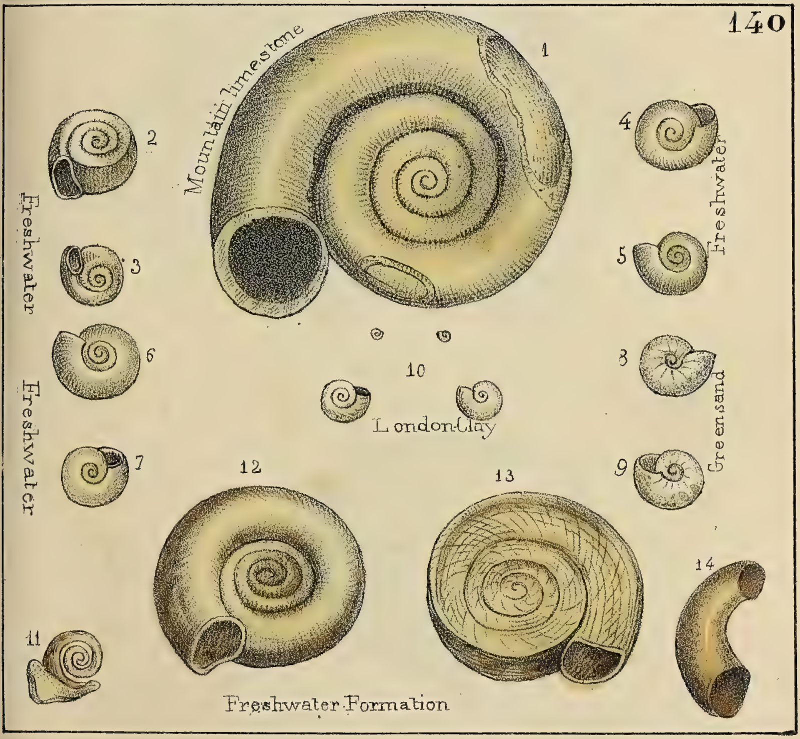
Fig. 1. Pecten equivalvis. Sow. - Fig. 2. Pect. fibrosus. Sow.





Tab. 137. Fig. 1. 2. Astarte lurida Sow.- Fig. 3. 4. Ast. elegans. Sow.-
Fig. 5. 6. Astarte cuneata. Sow.-
Tab. 138. Fig. 1. 2. 3 Terebratula pectita Sow.- Fig. 4. 5. 6 Tereb. Lyra Sow





Tab. 139. Fig. 1.2 Patella latissima. Sow.- Fig. 3.4.5. Pat. laevis. Sow.-
Fig. 6.7. Pat. equalis. Sow.- Fig. 8. Pat. rugosa. Sow.- Fig. 9.10. Pat. unguis. Sow
Tab. 140. Fig. 1 Planorbis equalis. Sow.- Fig. 2.3. Plan. cylindricus. Sow.-
Fig. 4.5. Plan. obtusus Sow.- Fig. 6.7. Plan. lens. Sow.- Fig. 8.9 Plan. radiatus Sow.
Fig. 10. Plan. hemistoma. Sow.- Fig. 11.12 13.14. Plan. euomphalus. Sow.

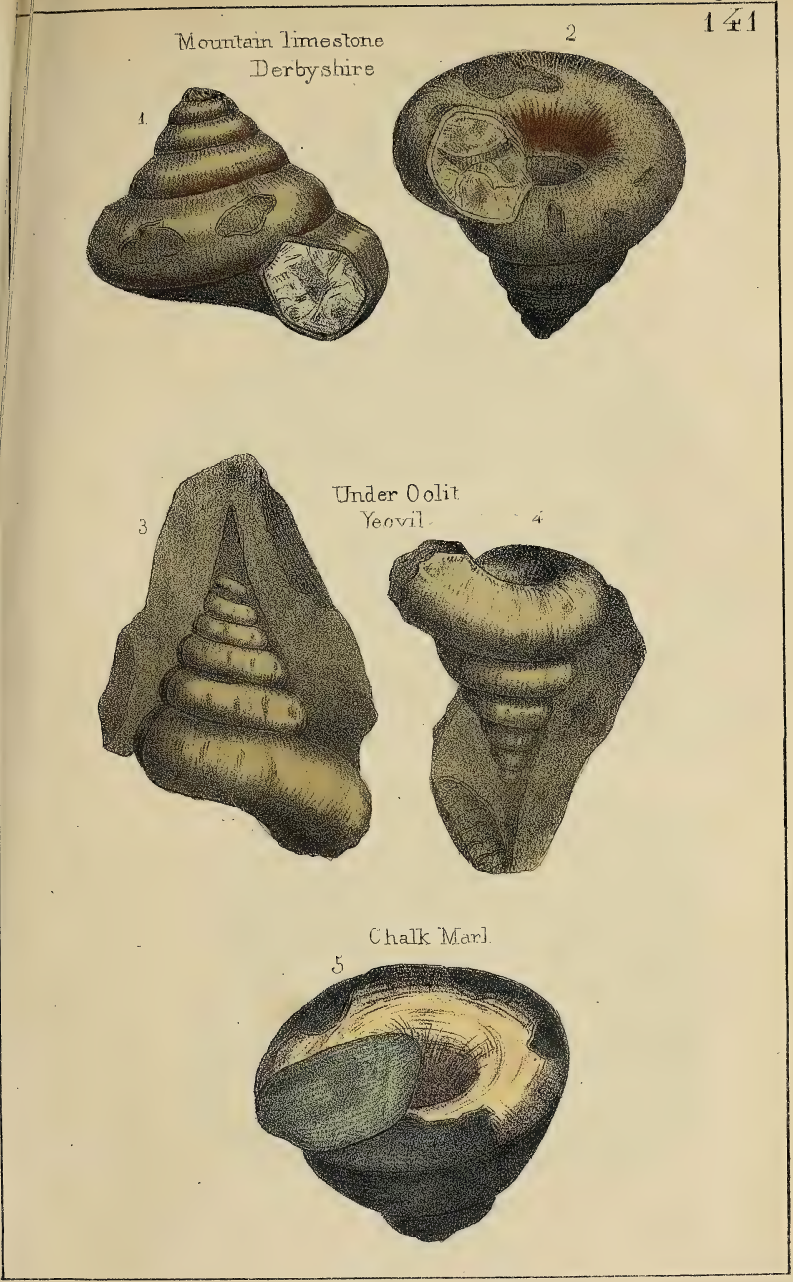
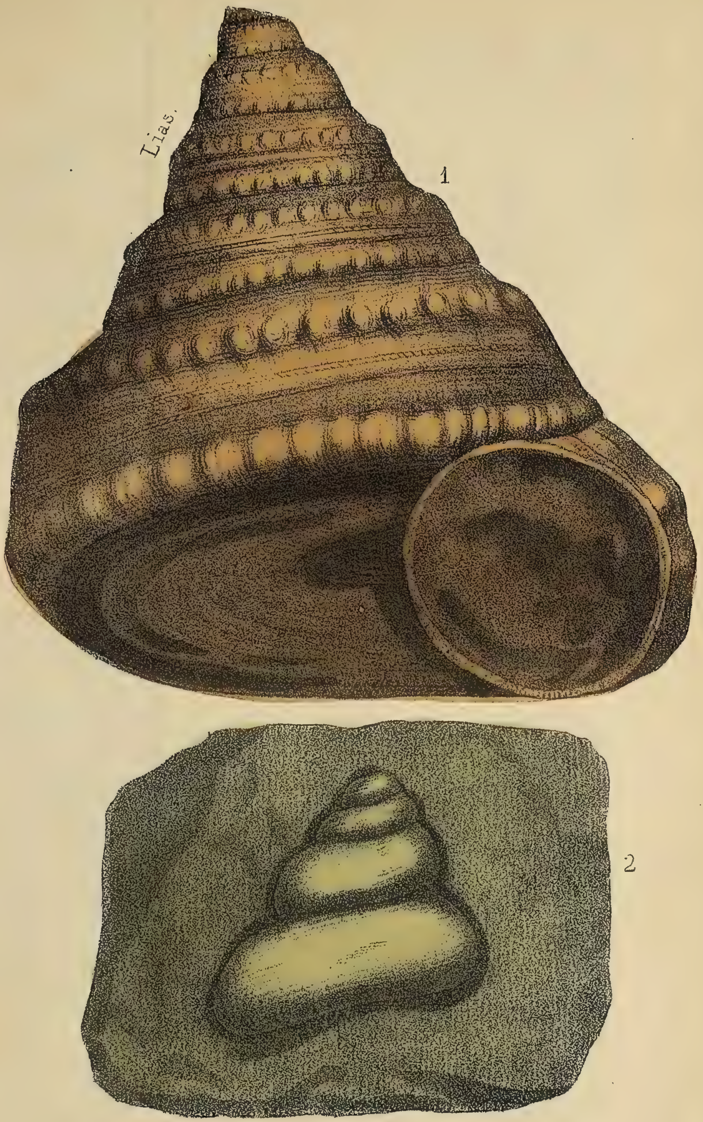
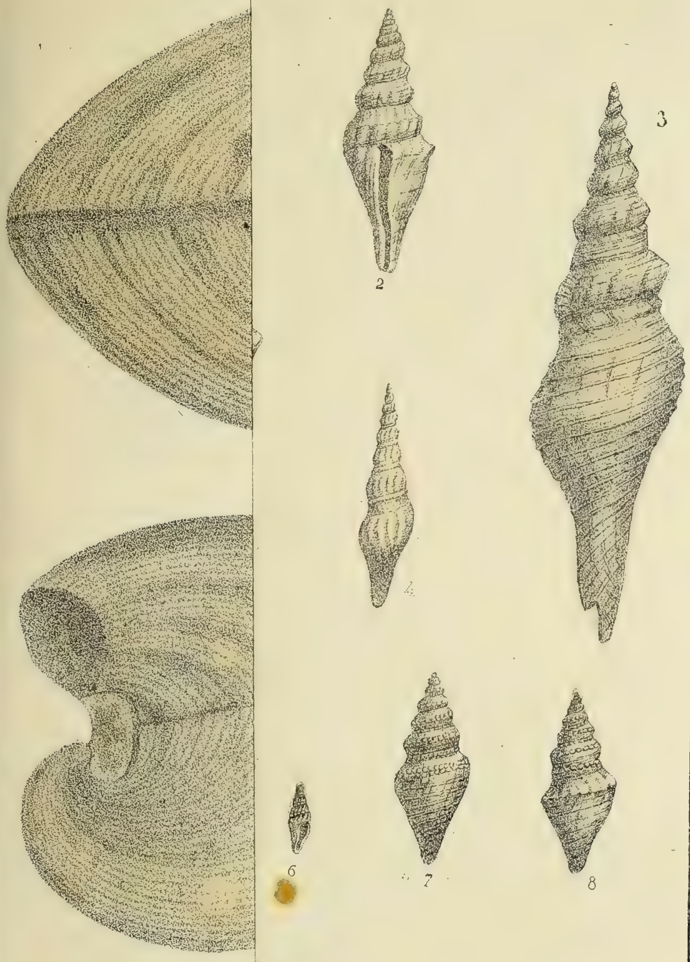


Fig. 1. 2 Cirrus acutus. Sow.-Fig. 3. 4 Cirr. nodosus Sow.-Fig. 5. Cirrus plicatus. Sow

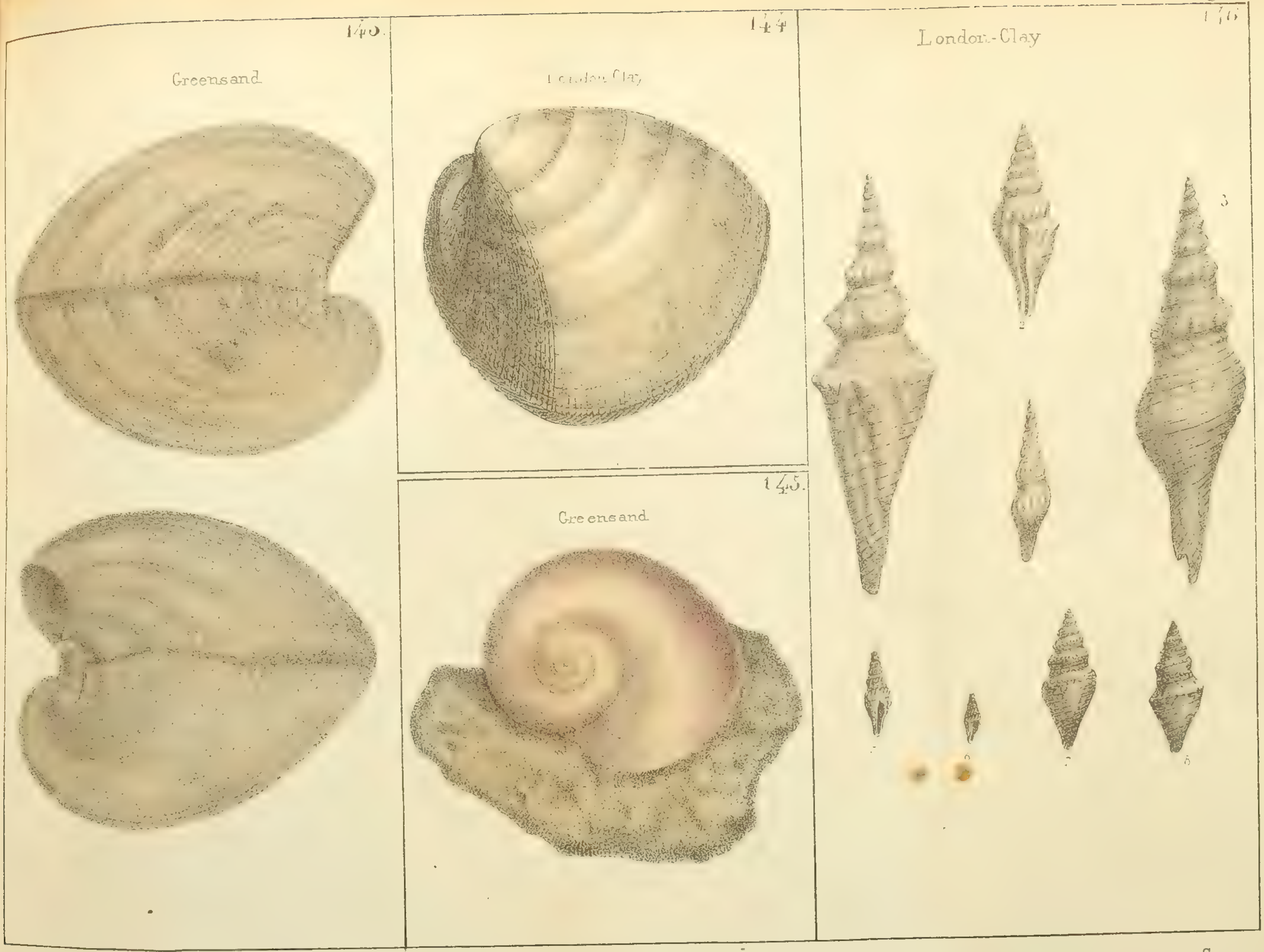


Trochus anglicus Sow.

London-Clay



Tab.143 Cardita tube Fig. 1 Pleurotoma attenuata Sow.-
Fig. 2 Pleur. exorta Sow.- F. Pleur. semicolon Sow.- Fig. 7. 8 Pleur. colon Sow



Tab. 143 Cardita tuberculata. Sow.- Tab. 144. Cardium semigranulatum. Sow.- Tab. 145. Helix Gentii. Sow.- Tab 146. Fig. 1 Pleurotoma attenuata Sow.- Fig. 2 Pleur. exorta. Sow.- Fig. 3 Pleur. rostrata. Sow.- Fig. 4 Pleur. acuminata. Sow.- Fig. 5 Pleur. comma Sow.- Fig. 6. Pleur. semicolon Sow.- Fig. 7.8 Pleur colon Sow

London-Clay.

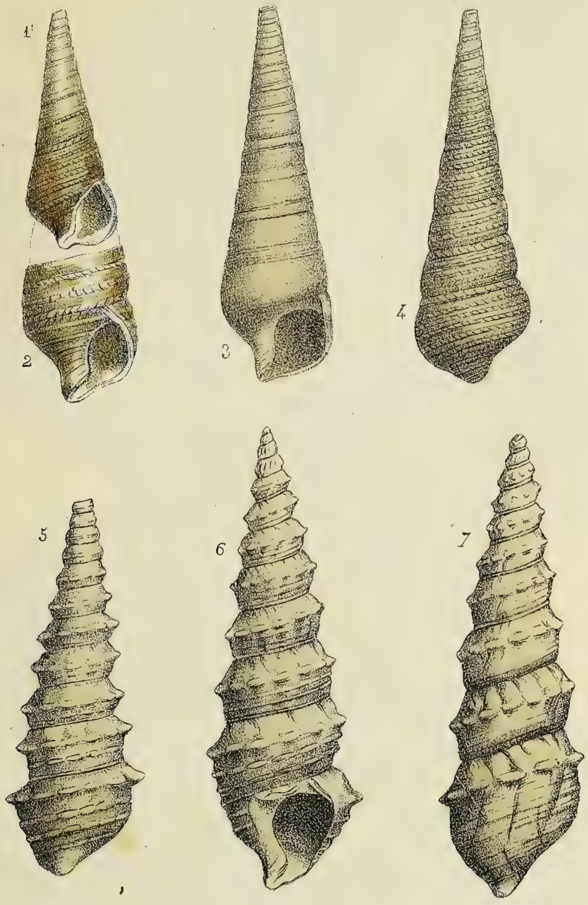
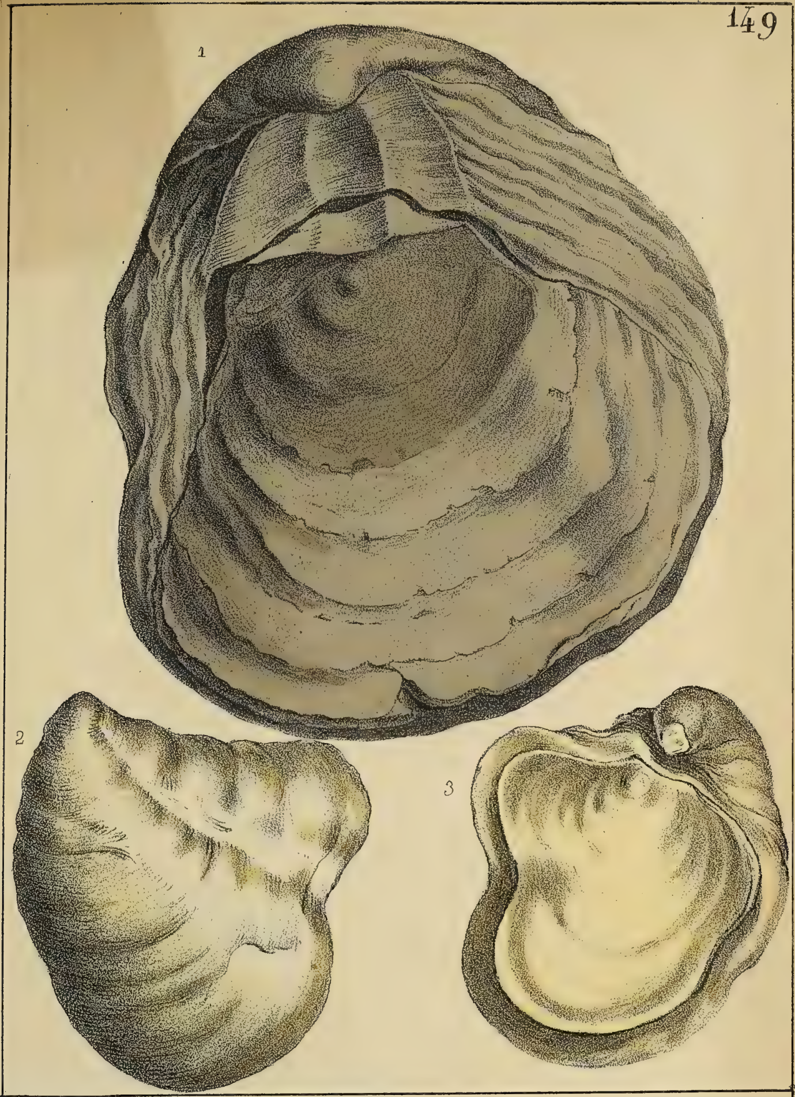
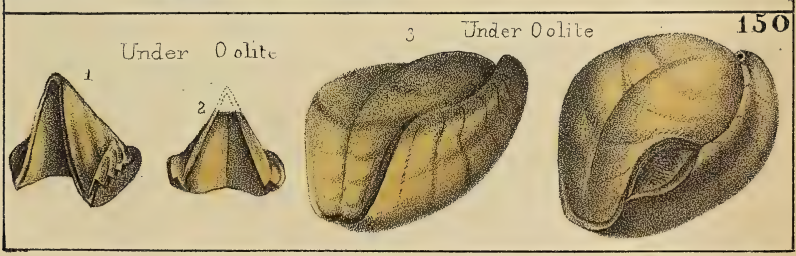


Fig.1.2. Cerithium funiculatum Sow.-Fig.3.4. Cerith. intermedium. Sow.-
Fig.5. Cerith. dubium Sow. Fig. 6.7. Cerith. melanoides Sow.-.

Oxford.

Ostrea deltoïdea Lam.-

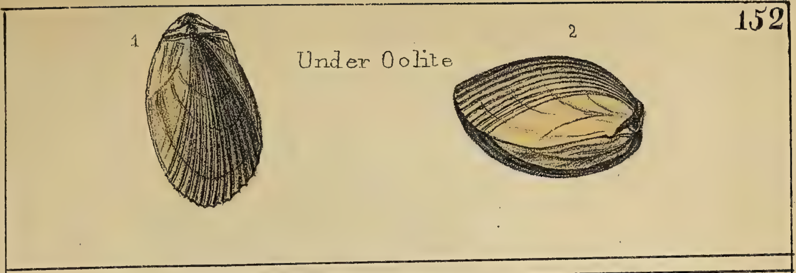


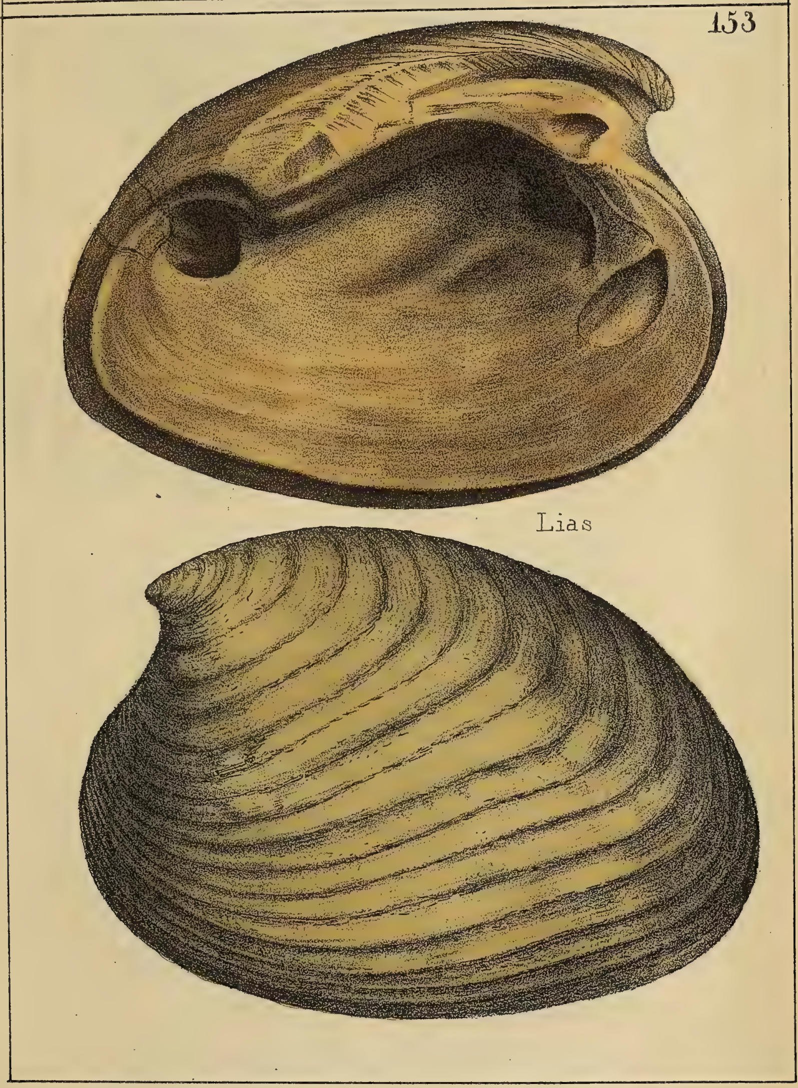


Tab. 149. Gryphaea dilatata Sow.-

Tab. 150. Fig. 1. 2. Terebratula acuta. Sow. Fig. 3. 4. Tereb. resupinata. Sow

Cassis bicatenatus Sow.





Tab. 152 Lima gibbosa. Sow.
Tab. 153. Unio crassissima. Sow.

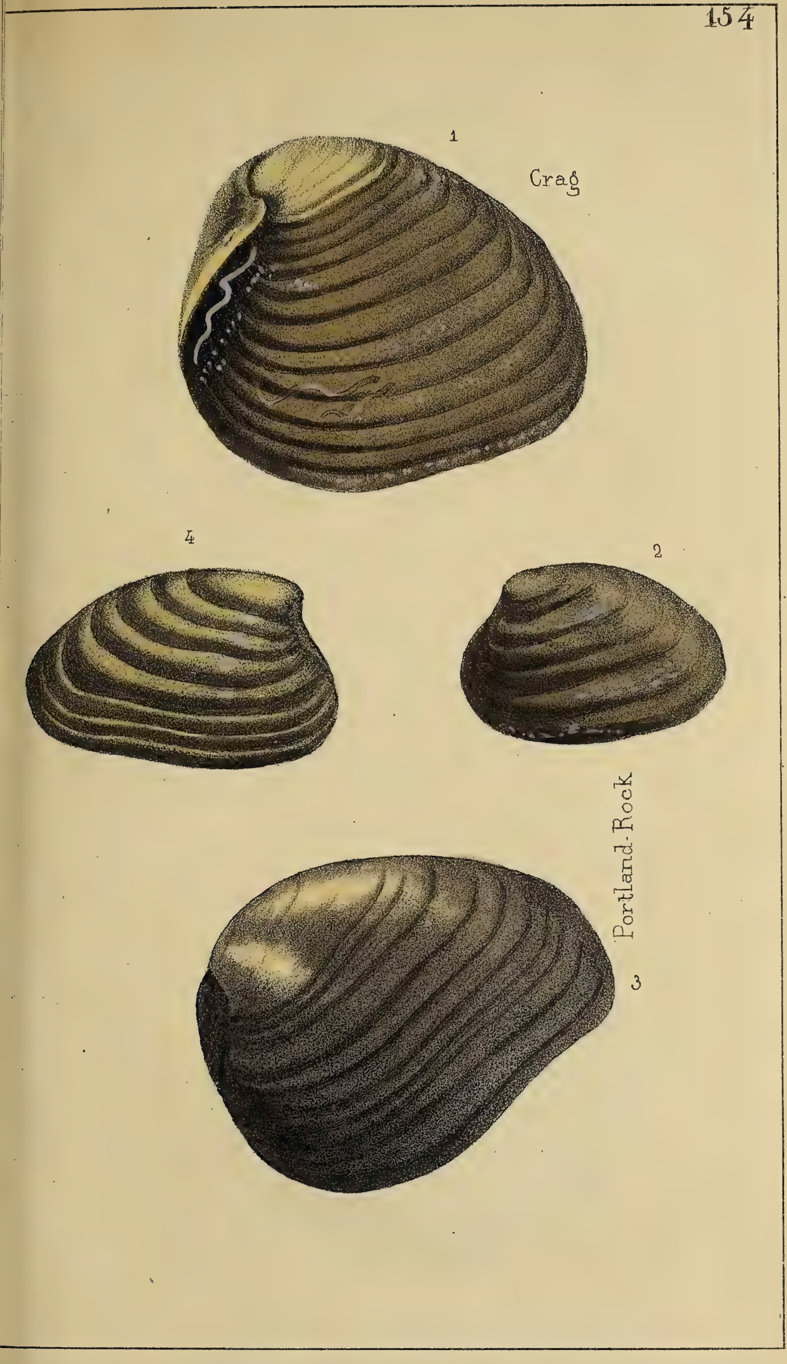


Fig. 1.2.3 Unio Listeri. Sow.-Fig. 4 Unio hybrida. Sow.

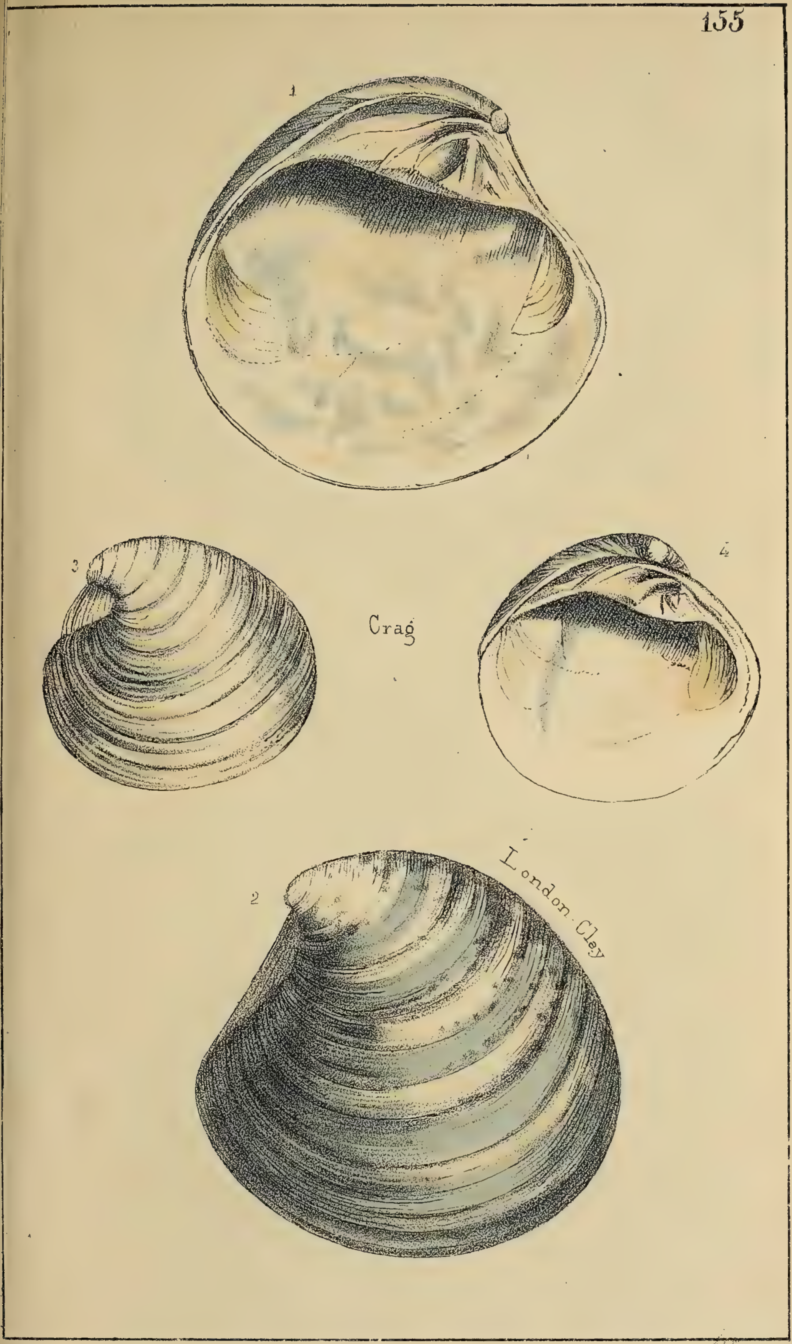
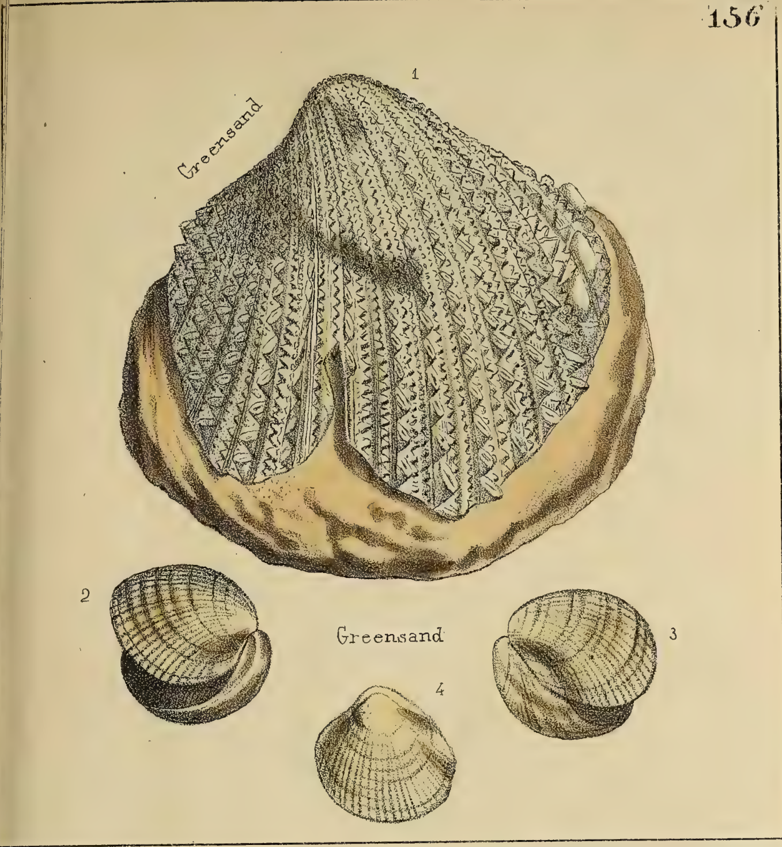
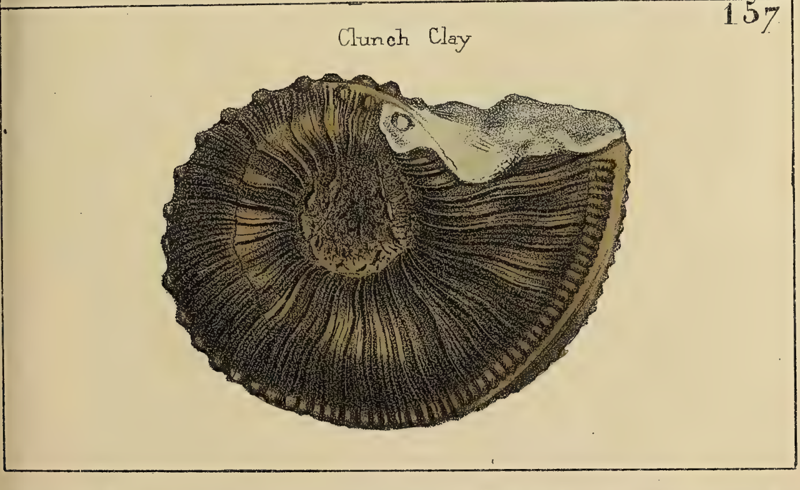
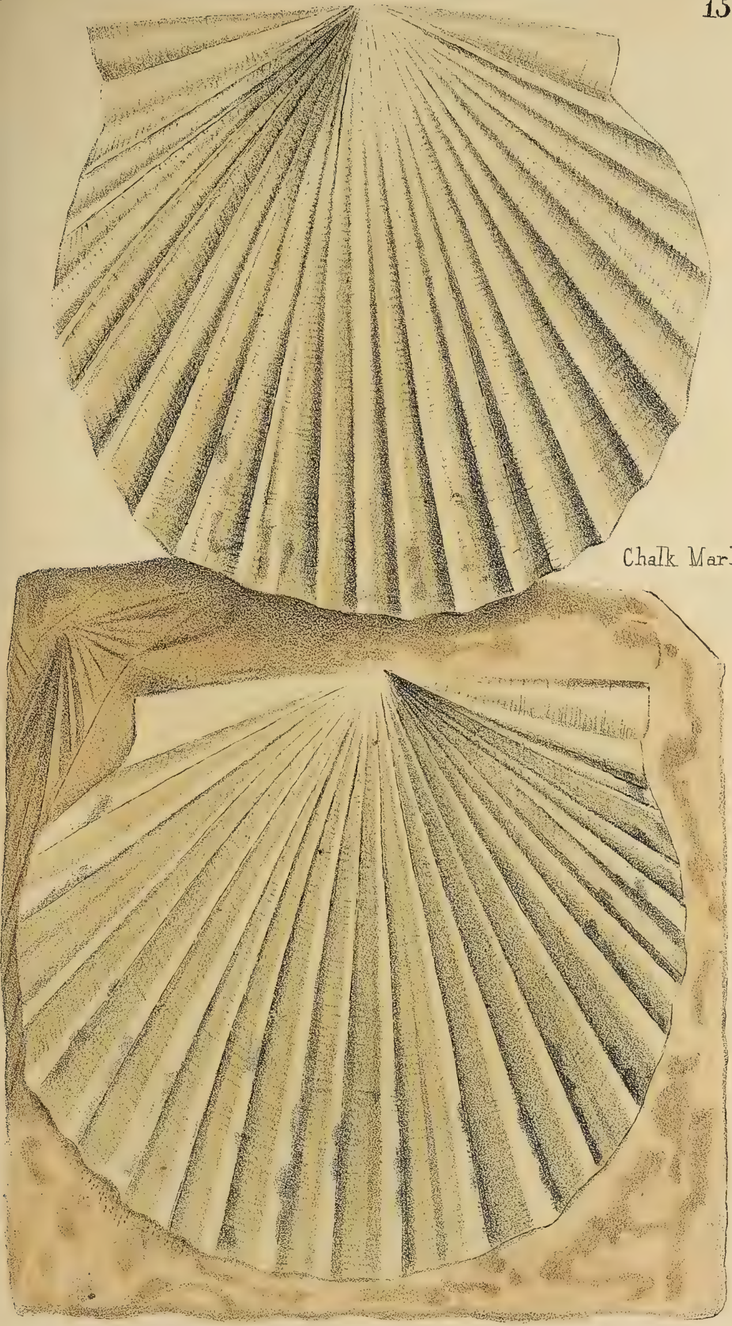


Fig. 1.2 Venus incrassata. Sow.- Fig. 3.4 Venus gibbosa. Sow.-

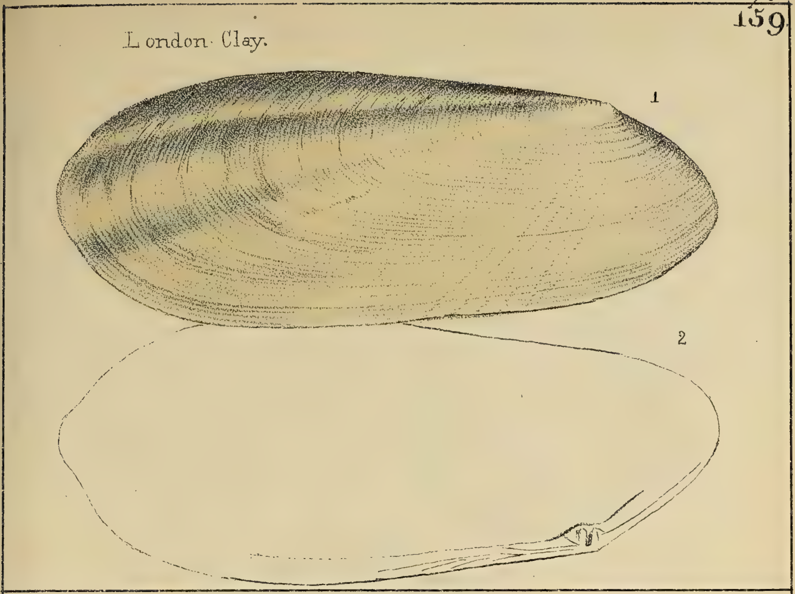


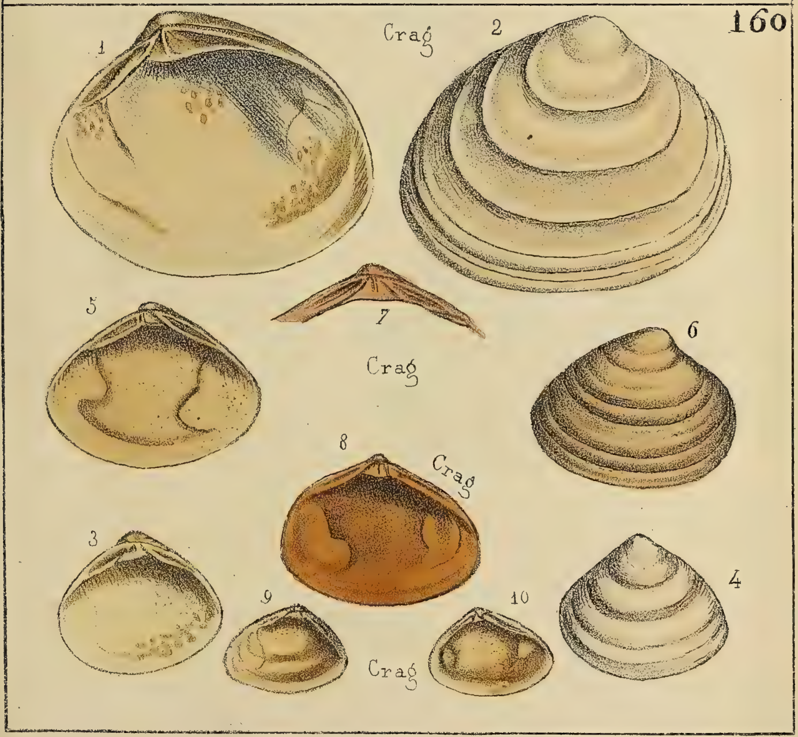


Tab. 156. Fig. 1. Cardium proboscideum. Sow. - Fig. 2. 3. 4. Card. umbonatum Sow
Tab. 157 Ammonites Duncani. Sow



Pecten Beaveri. Sow.-





Tab. 159. Sanguinolaria Hollowaysii Sow.
Tab. 160. Fig. 1.2.3.4. Mactra arcuata Sow.- Fig. 5.6.7 Mact. dubia. Sow.
Fig. 8. Mact. ovalis. Sow.- Fig. 9.10. Mact. cuneata. Sow

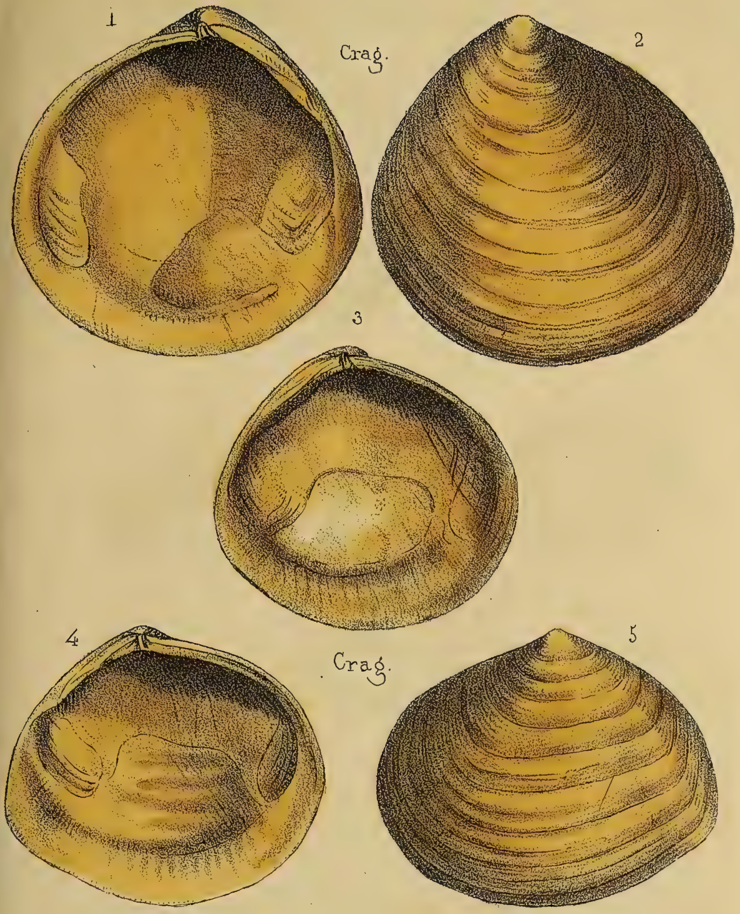


Fig. 1.2.3. Tellina obliqua Sow.-Fig. 4.5. Tell. ovata. Sow.-

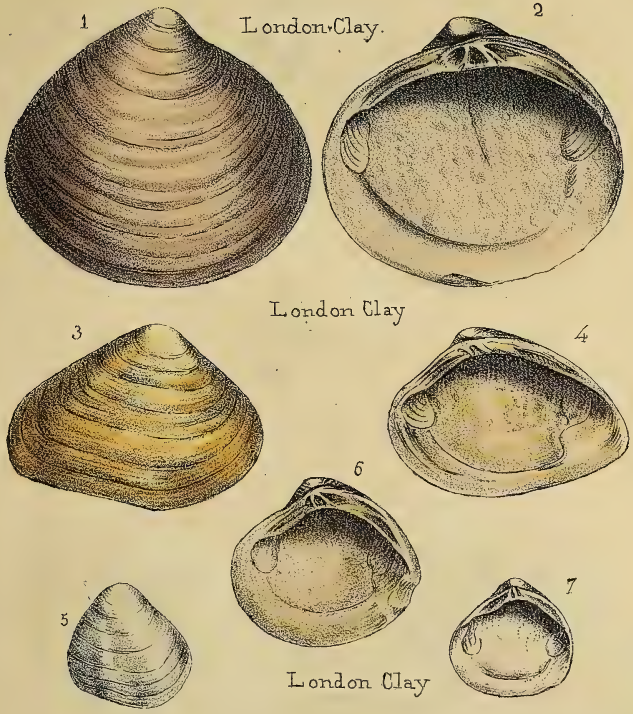
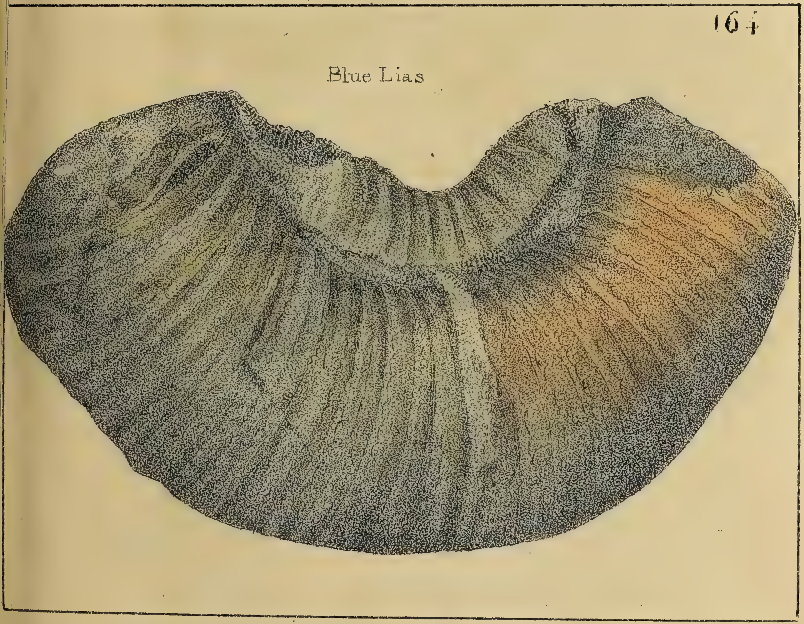


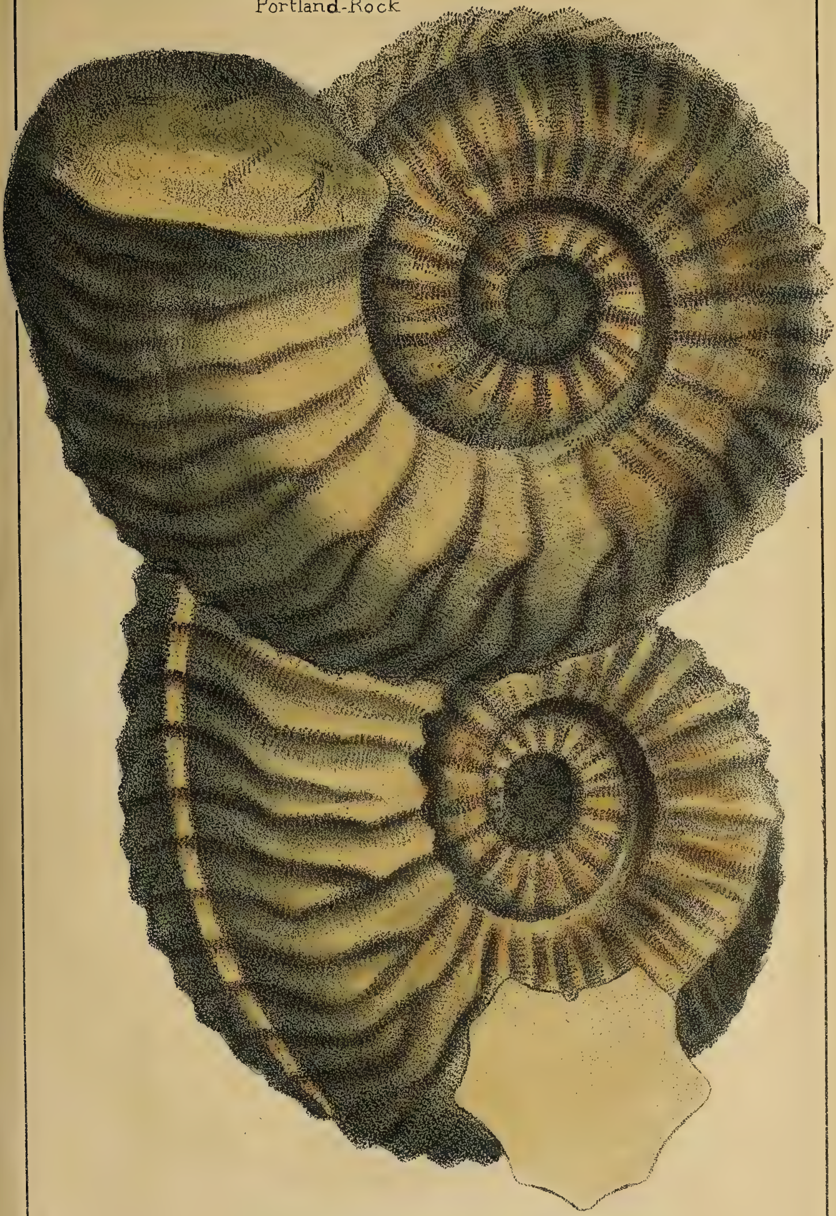
Fig. 1. 2. Cyclas deperdita Lam. Fig. 3 4. Cycl. cuneiformis. Sow.
Fig. 5. 6. 7 Cycl. obovata Sow.



Tab.163.Fig.1.2.3.Auricula incrassata.Sow.-Fig.4.5.6.7. Aur. turgida Sow.
Fig.8.9.10.11.Aur. simulata. Sow.
Tab.164.Ammonites fimbriatus Sow.

165.

Portland-Rock



Ammonites vertebralis Sow.

Portland-Rock

Ammonites plicatilis Sow

Ammonites obtusus Sow.

Chalk-Marl.

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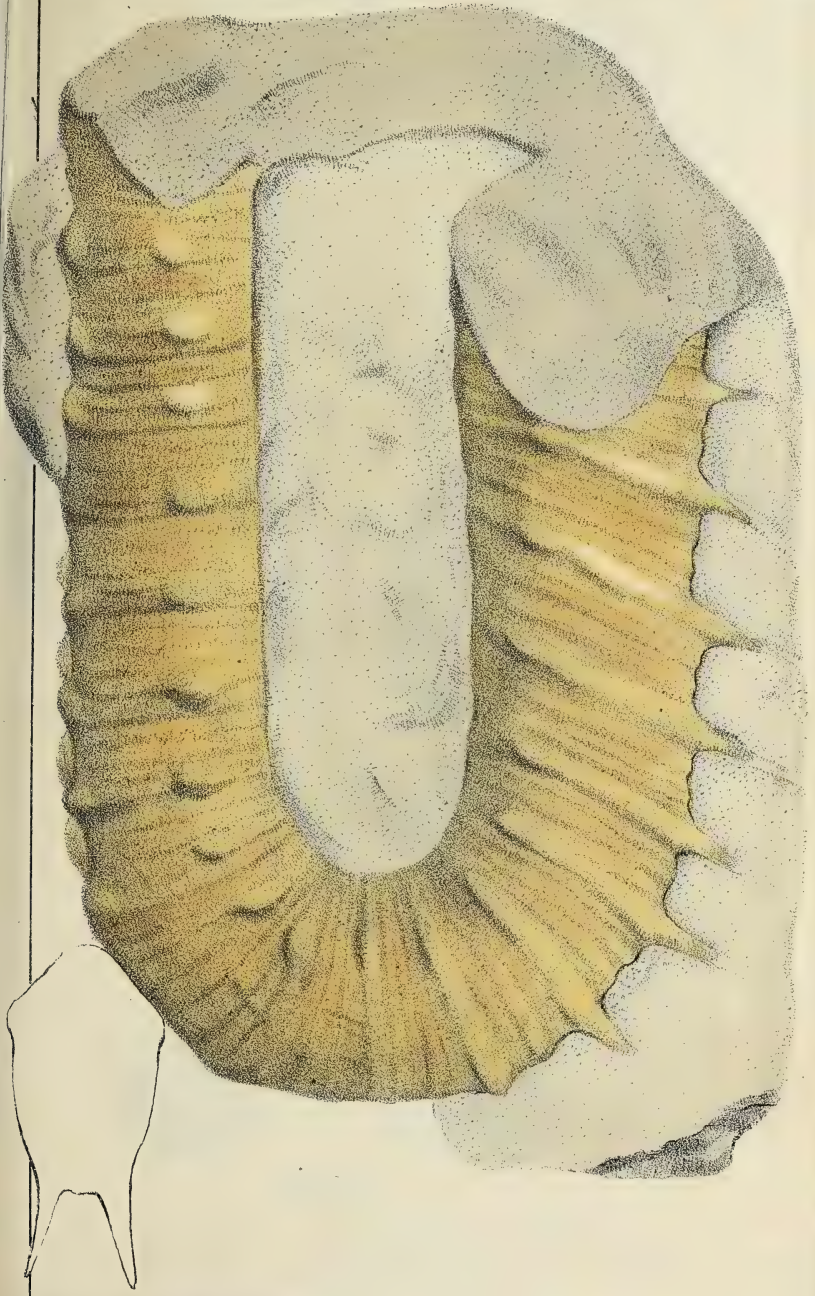
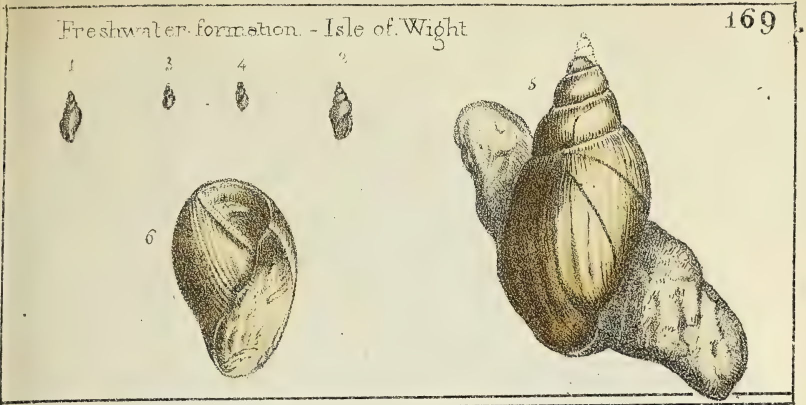
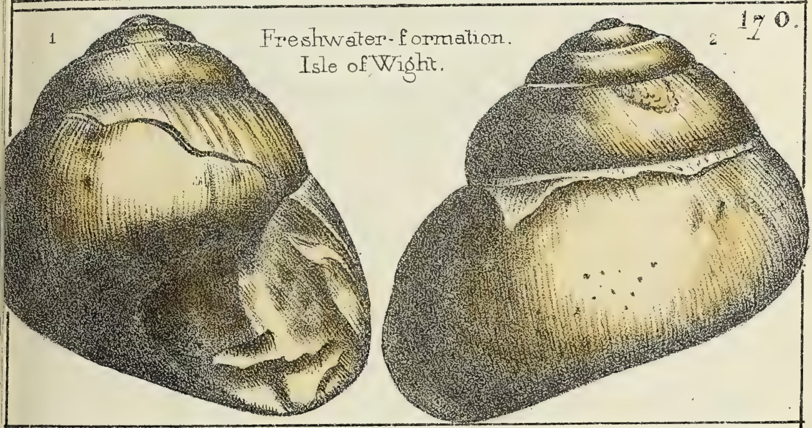
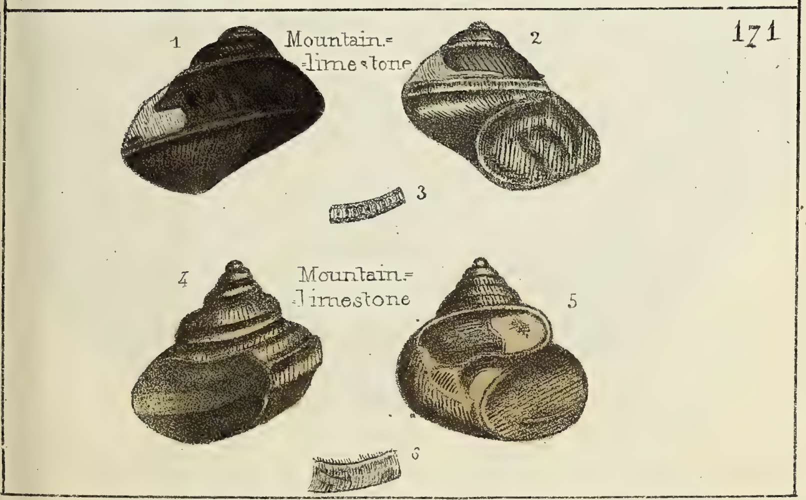


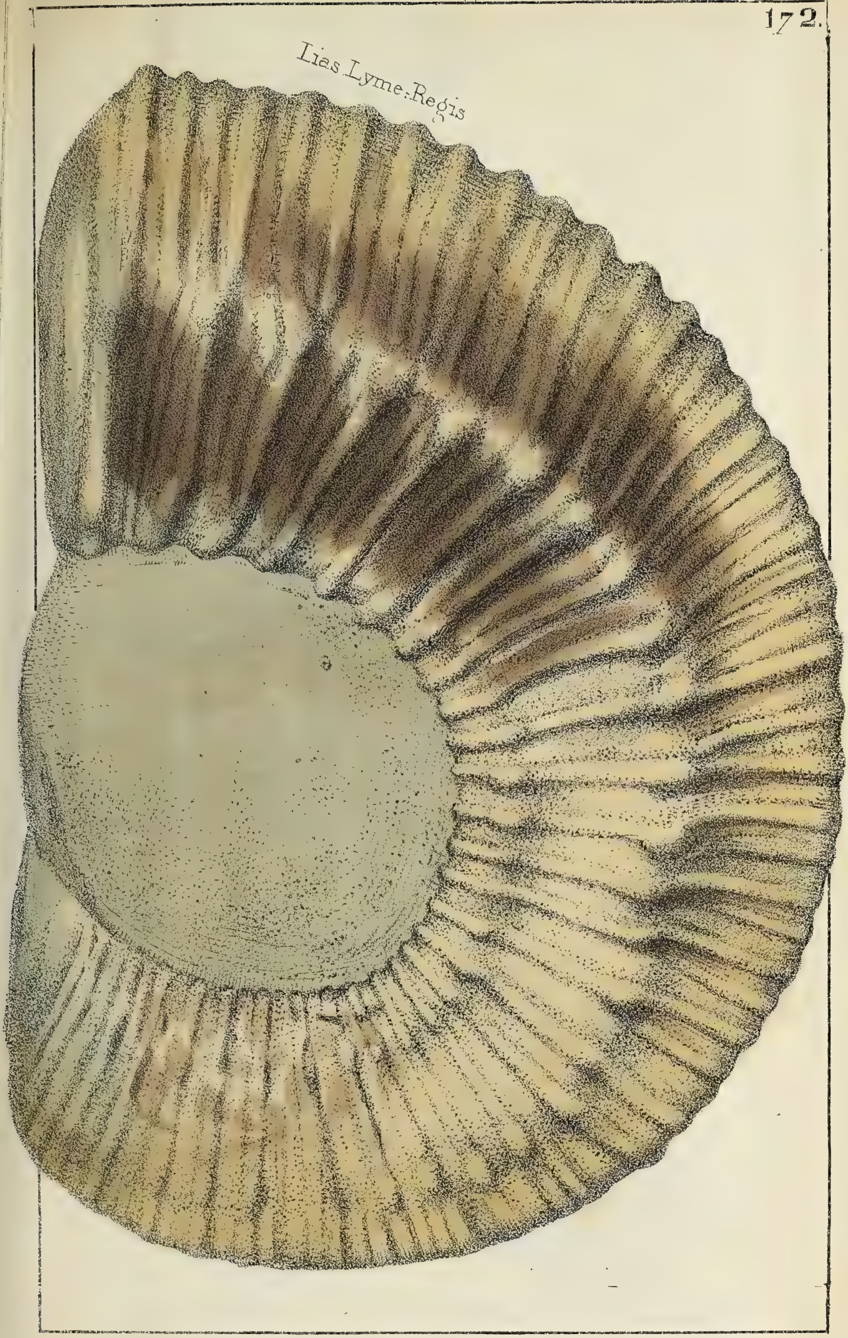
Hamites armatus. Sow.







Tab. 169. Fig. 1. 2. 3. 4. Lymnaea. minima. Sow.- Fig. 5. 6. Lym. fusiformis. Sow.
Tab. 170. Helix. globosus. Sow.-
Tab. 171. Fig. 1. 2. 3. Helix. striatus. Sow.- Fig. 4. 5. 6 Hel. cirriformis. Sow.-



Ammonites Henleyi. Sow.-

174.

-Formation - Isle of Wight.

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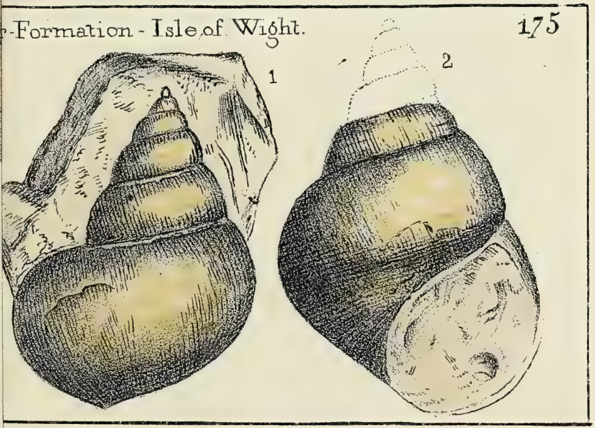
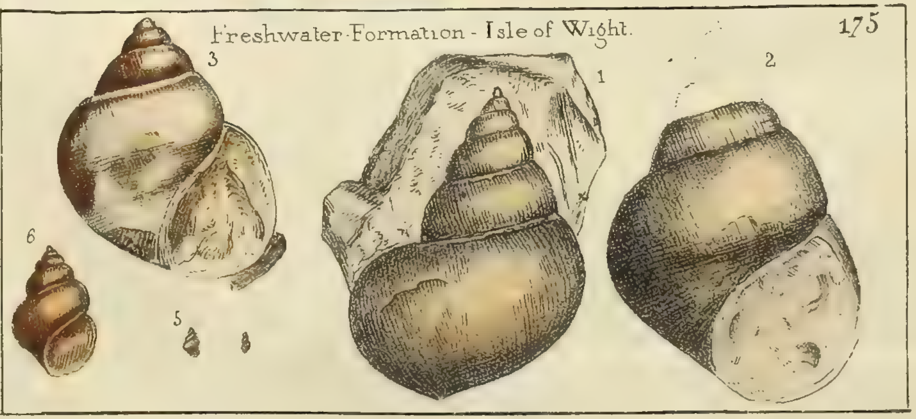


y.- Tab.175. Fig.1.2 Phasianella orbicularis. Sow.-
sa. Sow.-Fig.4.5.6. Ph. minuta. Sow.-



Ammonites rostratus. Sow.-

Tab.174. Chama digitata. Sow.- Tab.175. Fig.1.2 Phasianella orbicularis. Sow.- Fig.3 Ph. angulosa. Sow.- Fig.4.5.6. Ph. minuta. Sow.-

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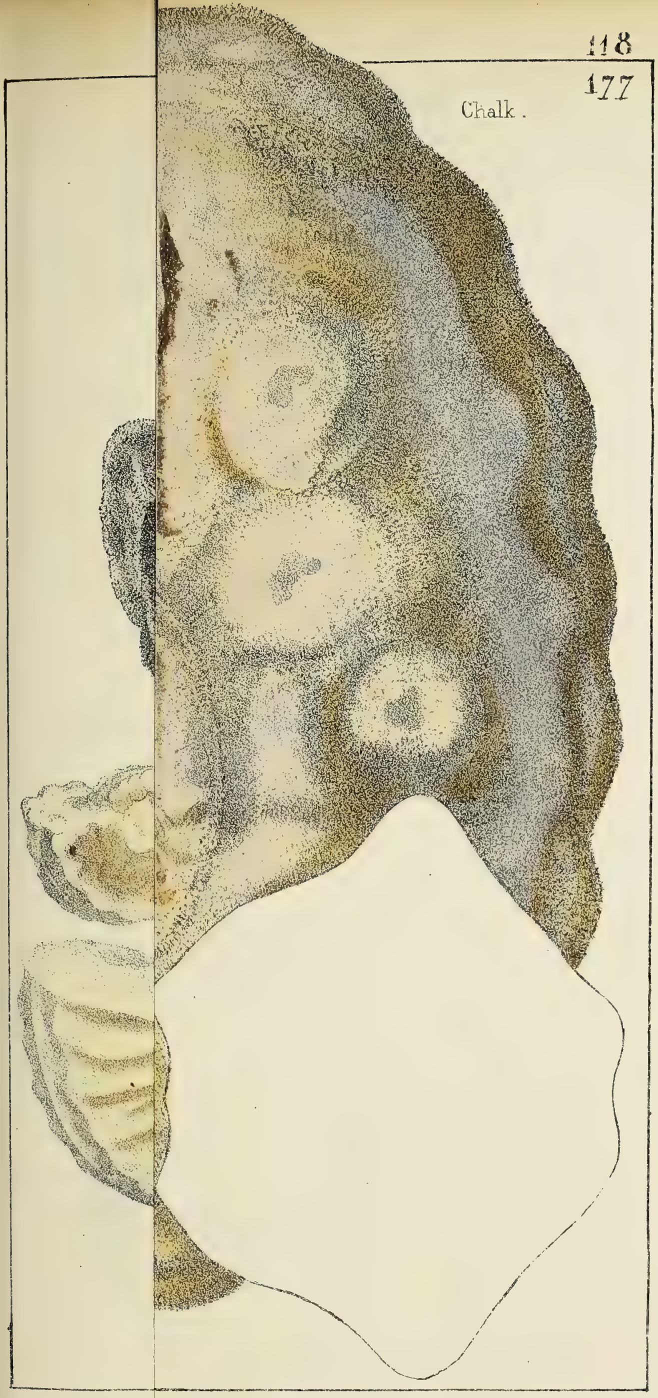
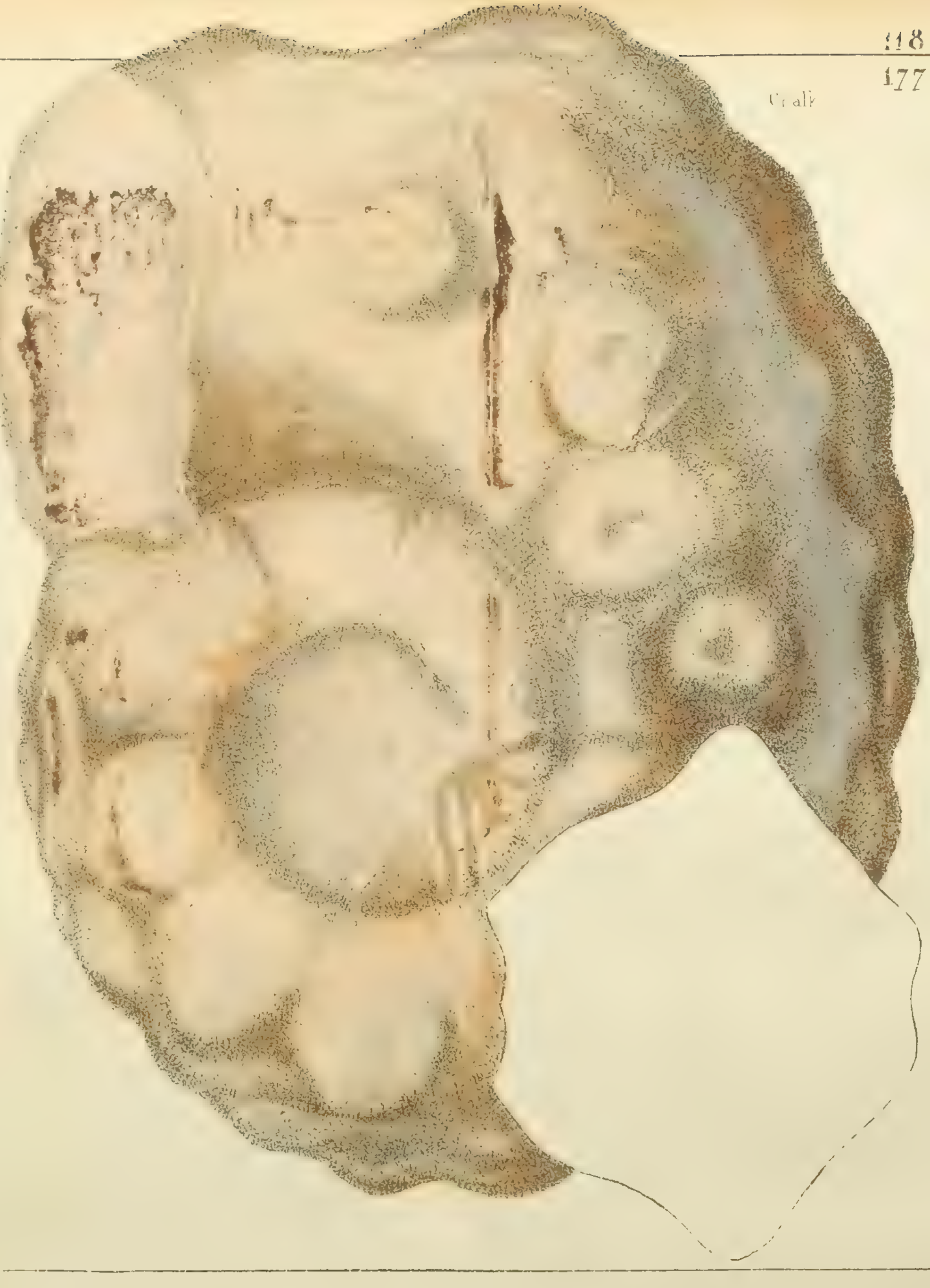


s Sow.

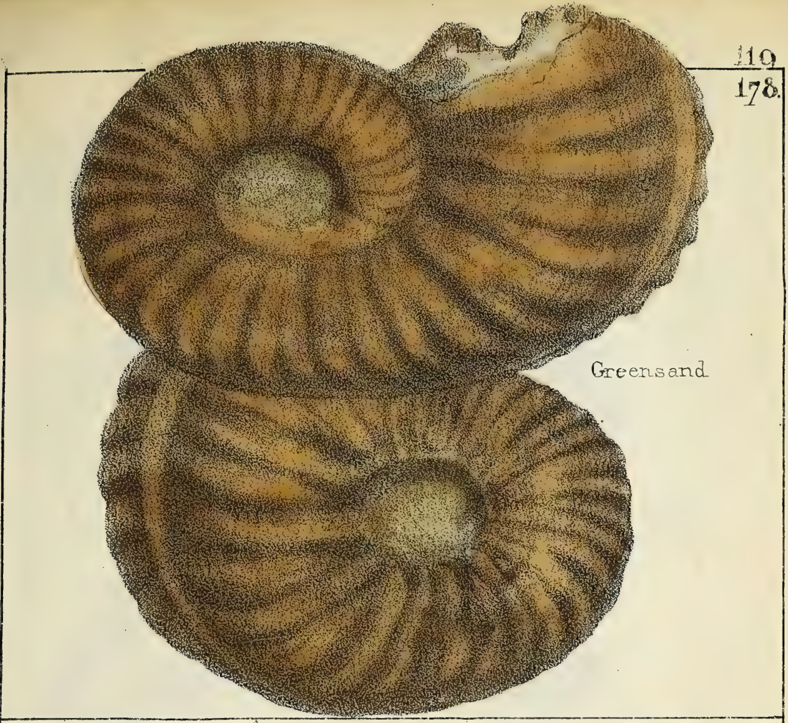
Chalk-Marl. 176

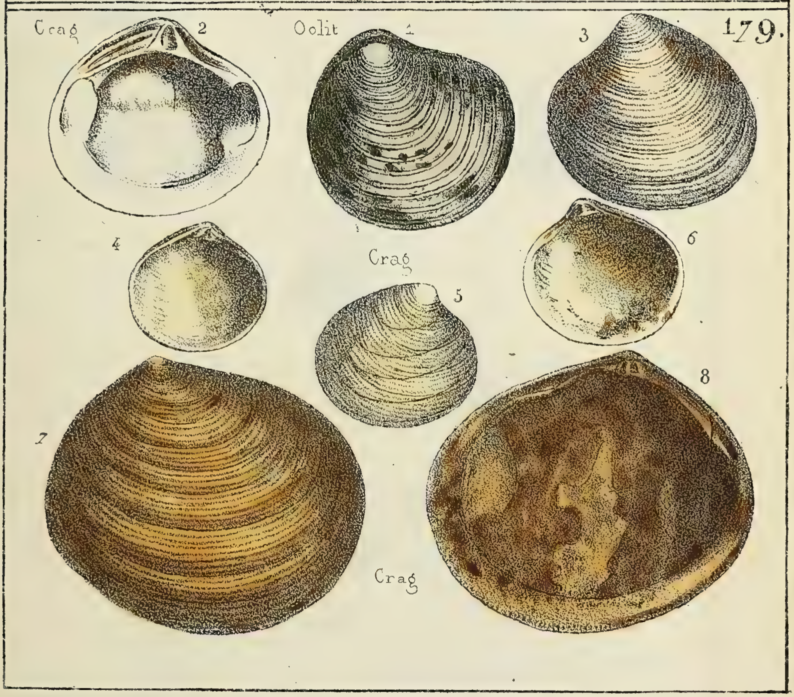
Ammonites varians Sow.-

177 Chalk

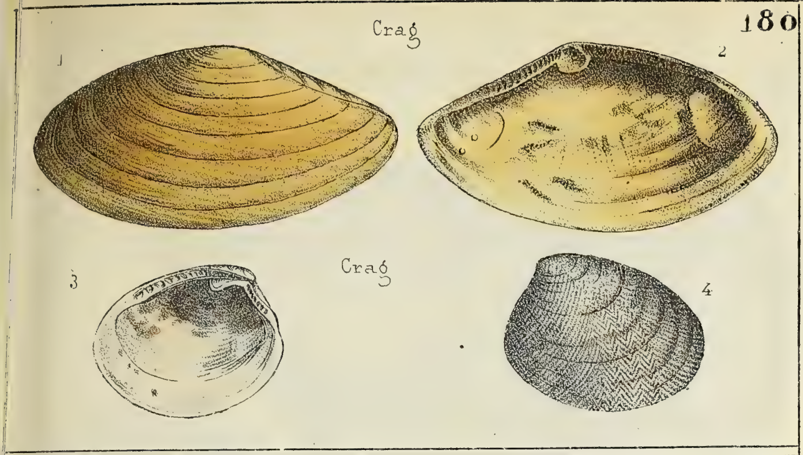


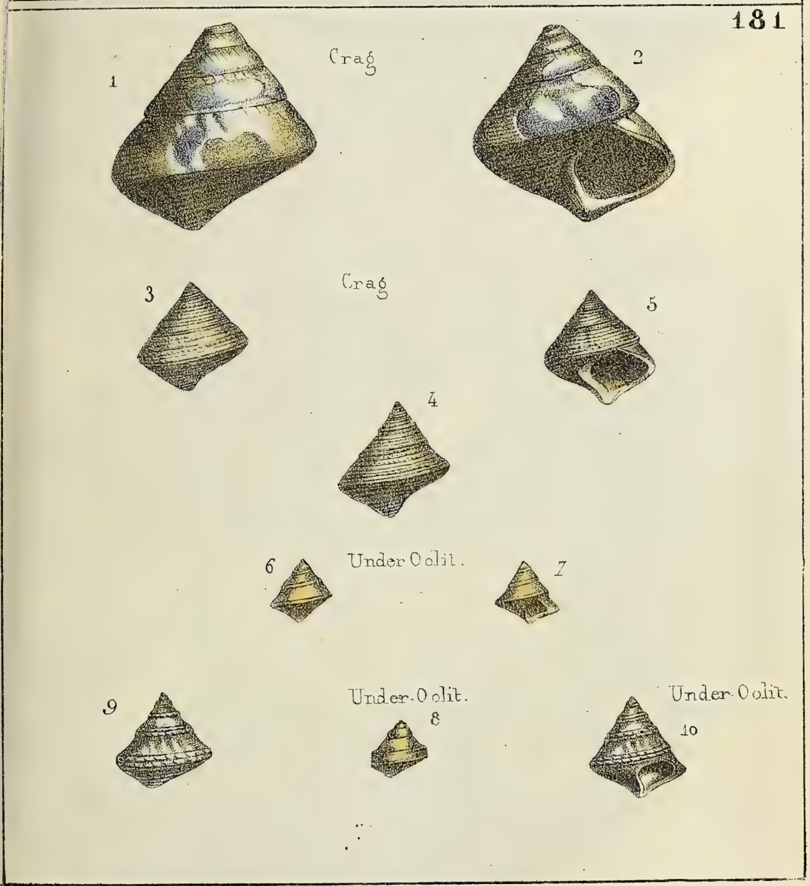
Ammonites rusticus Sow.-





Tab. 178 Ammonites inflatus Sow.-
Tab. 179. Fig. 1 Astarte lineata. Sow.- Fig. 2. 3. Ast. plana Sow.-
Fig. 4. 5. 6. Ast. obliquata. Sow Fig. 7. 8. Tellina obtusa Sow.





Tab. 180. Fig. 1.2. Nucula lanceolata. Sow.- Fig 3.4 Nuc. Cobboldiae Sow
Tab. 181 Fig 1.2. Trochus laevigatus Sow.- Fig. 3.4.5 Troch. similis Sow
Fig 6.7 Troch. concavus Sow.- Fig. 8. Troch. dimidiatus Sow
Fig 9.10. Troch duplicatus Sow

Nautilus striatus. Sow.-

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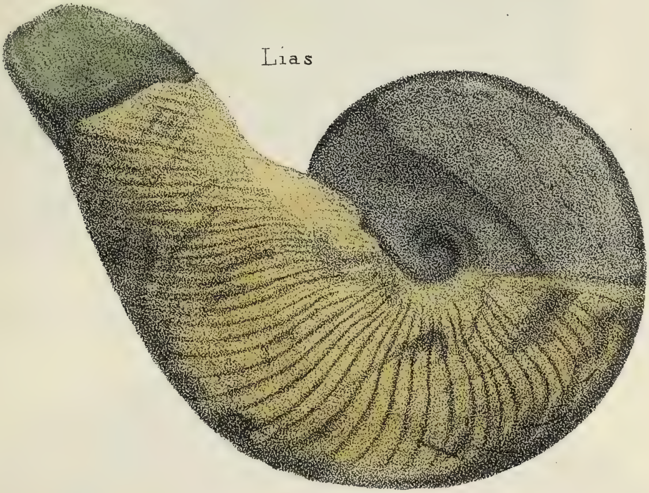
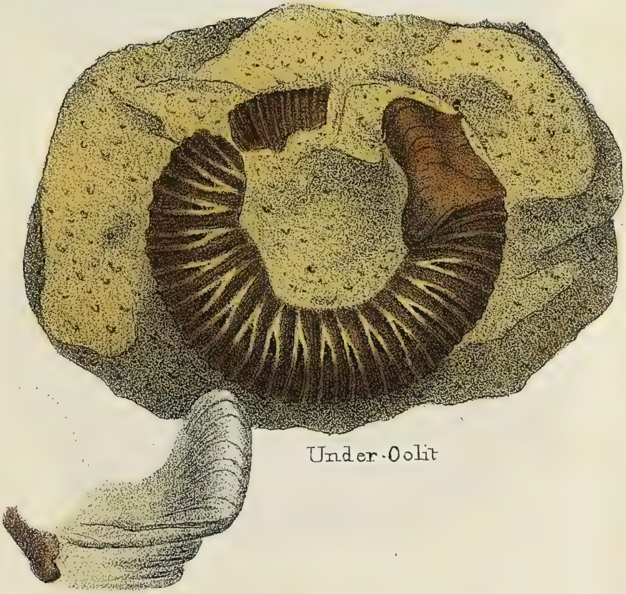
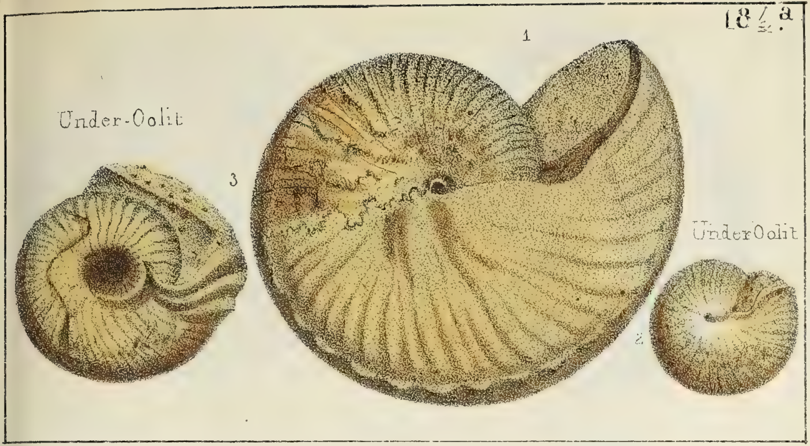


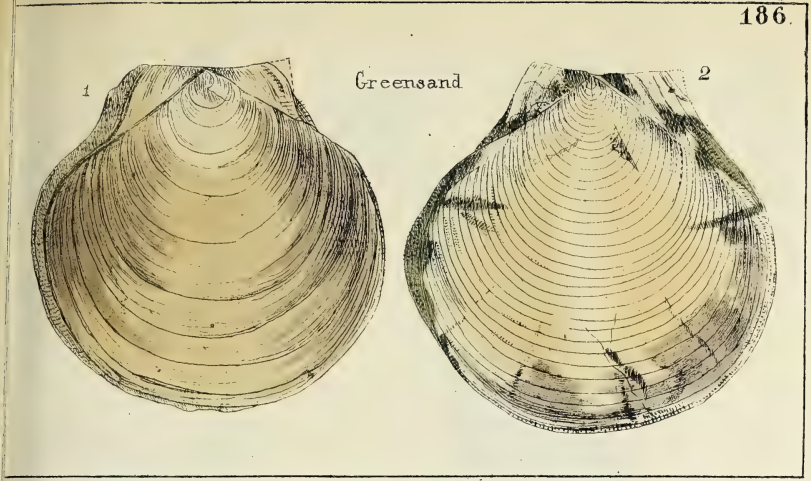
184.

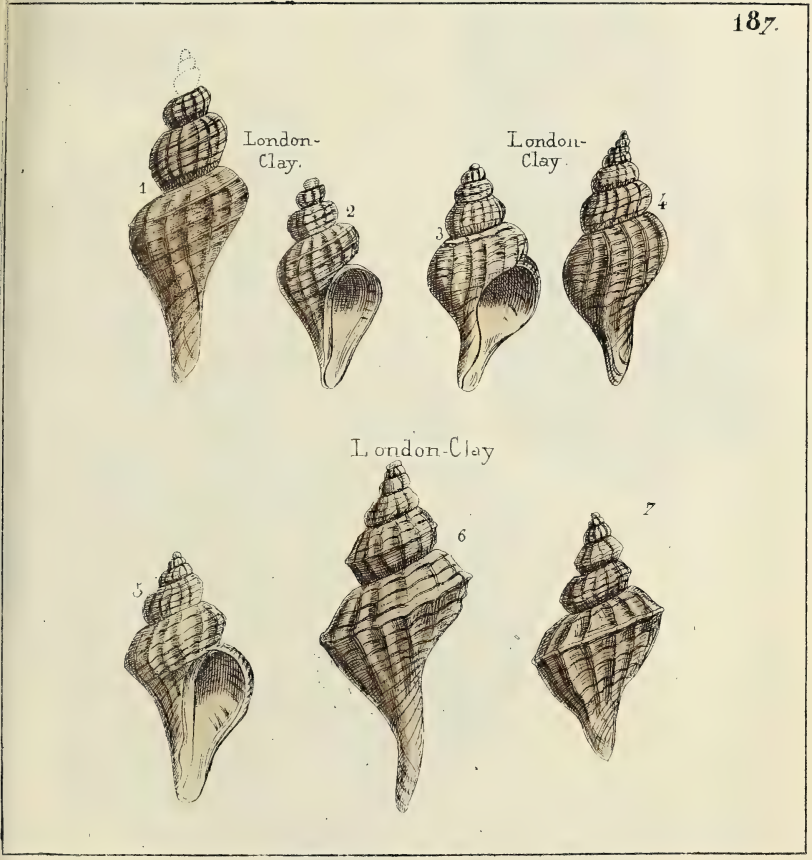


Tab.183. Ammonites Loscombi. Sow.
Tab.184. Ammonites Braikenridgii Sow.

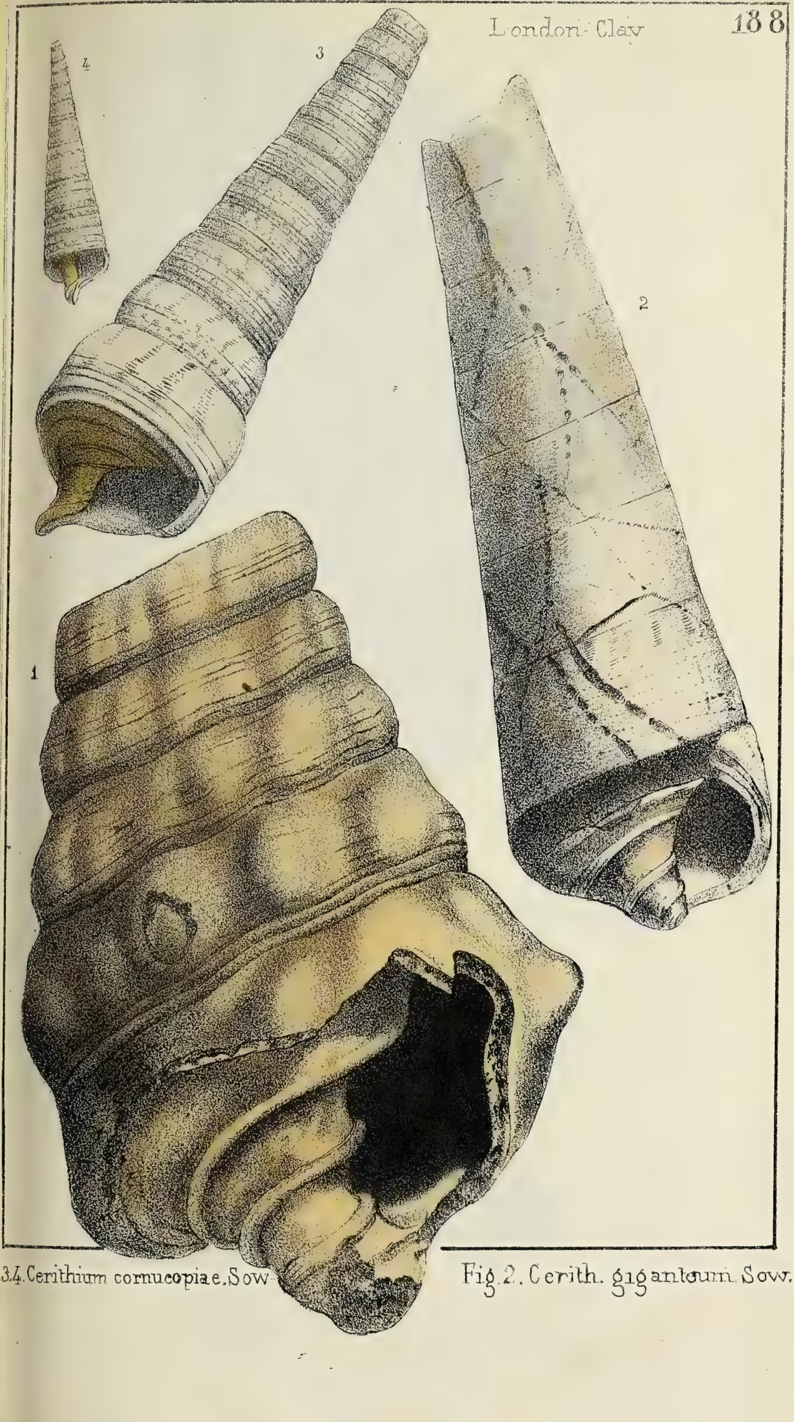


Tab. 184ª Fig.1 Ammonites constrictus Sow.- Fig.2 Am. Brongniarti Sow
Fig.3 Am. Gervillii. Sow.-
Tab.185 Unio crassiuscula. Sow.-

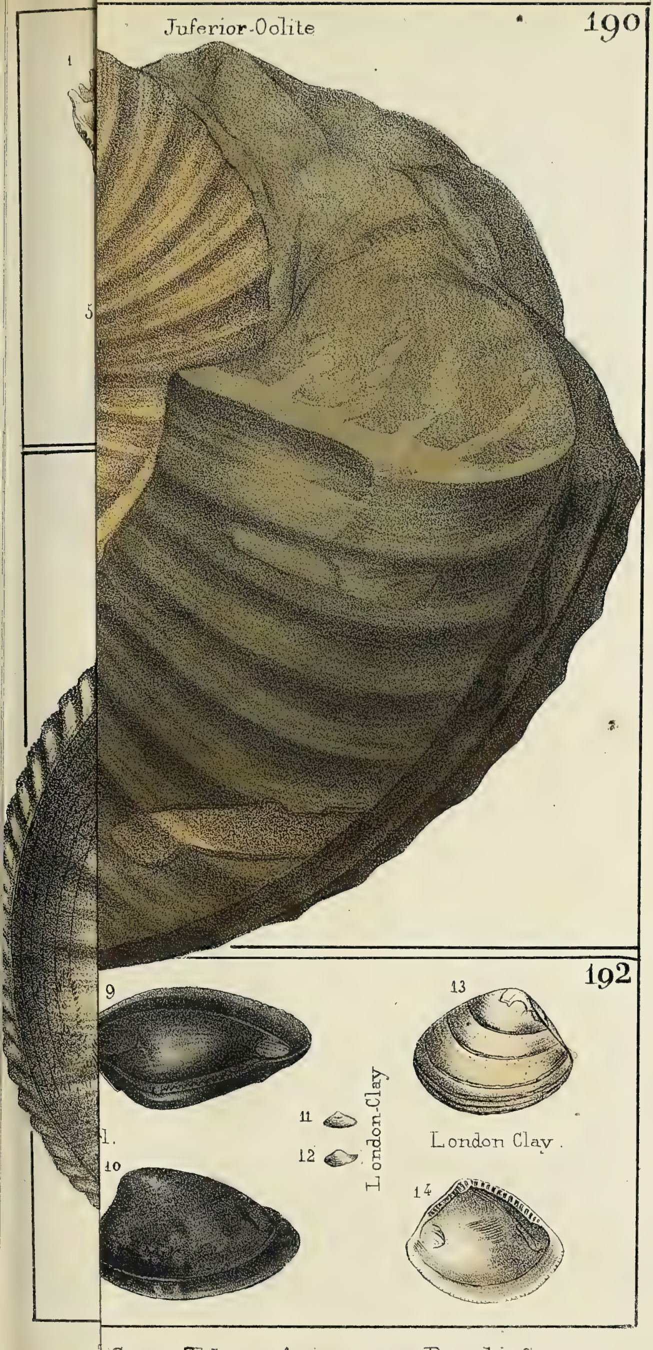




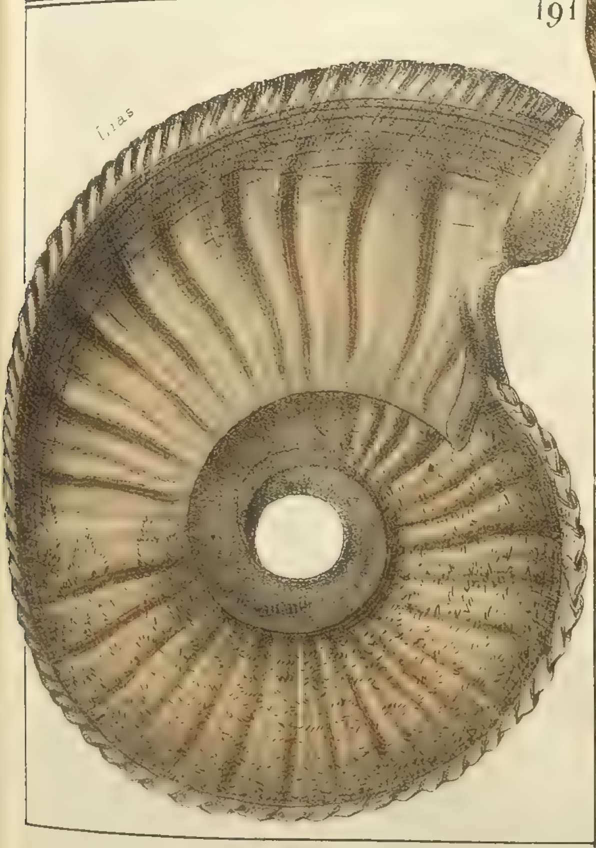
Tab.186.Pecten orbicularis.Sow.-
Tab.187.Fig.1.2 Murex. coniferus.Sow.-Fig.3.4 Murex. regularis. Sow.-
Fig.5.6.7 Murex.carinella Sow.-



1.3.4. Cerithium cornucopiae. Sow. Fig. 2. Cerith. giganteum. Sow.



Sow.- Tab.191. Ammonites Brooki. Sow.-
Tab.1 Fig.7.8.9.10. Nuc. pectinata. Sow.- Fig.11.12. Nu



Tab.189. Fig 1 2. Murex fistulosus. Broch - Fig. 3-6. Murex tubifer. Lam - Tab 190. Ammonites Stokesi. Sow - Tab.191. Ammonites Brooki. Sow.
Tab.192. Fig 1 2. Nucula. laevigata Sow - Fig 3 4 5 13 14. Nuc. similis Sow. - Fig 5 6 Nuc. trigona Sow. - Fig 7 8 9 10 Nuc. pectinata Sow. - [illegible]

Jnferior-Oolite

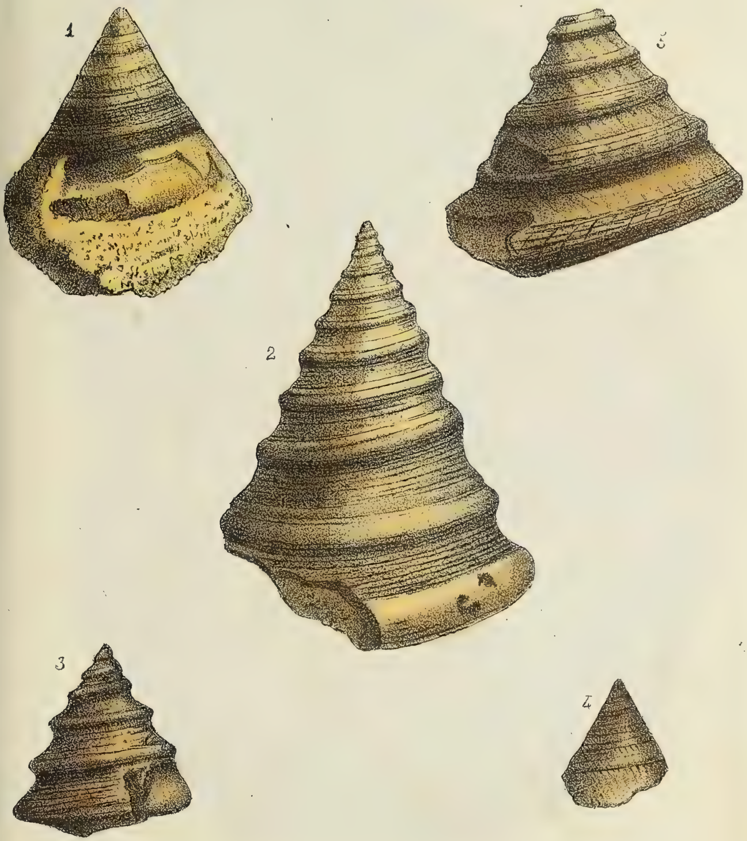


Fig. 1. Trochus punctatus. Sow.- Fig. 2. 3. 4. Troch. elongatus. Sow
Fig. 5. Troch. abbreviatus. Sow.-

Jnferior-Oolite

Nautilus sinuatus. Sow.

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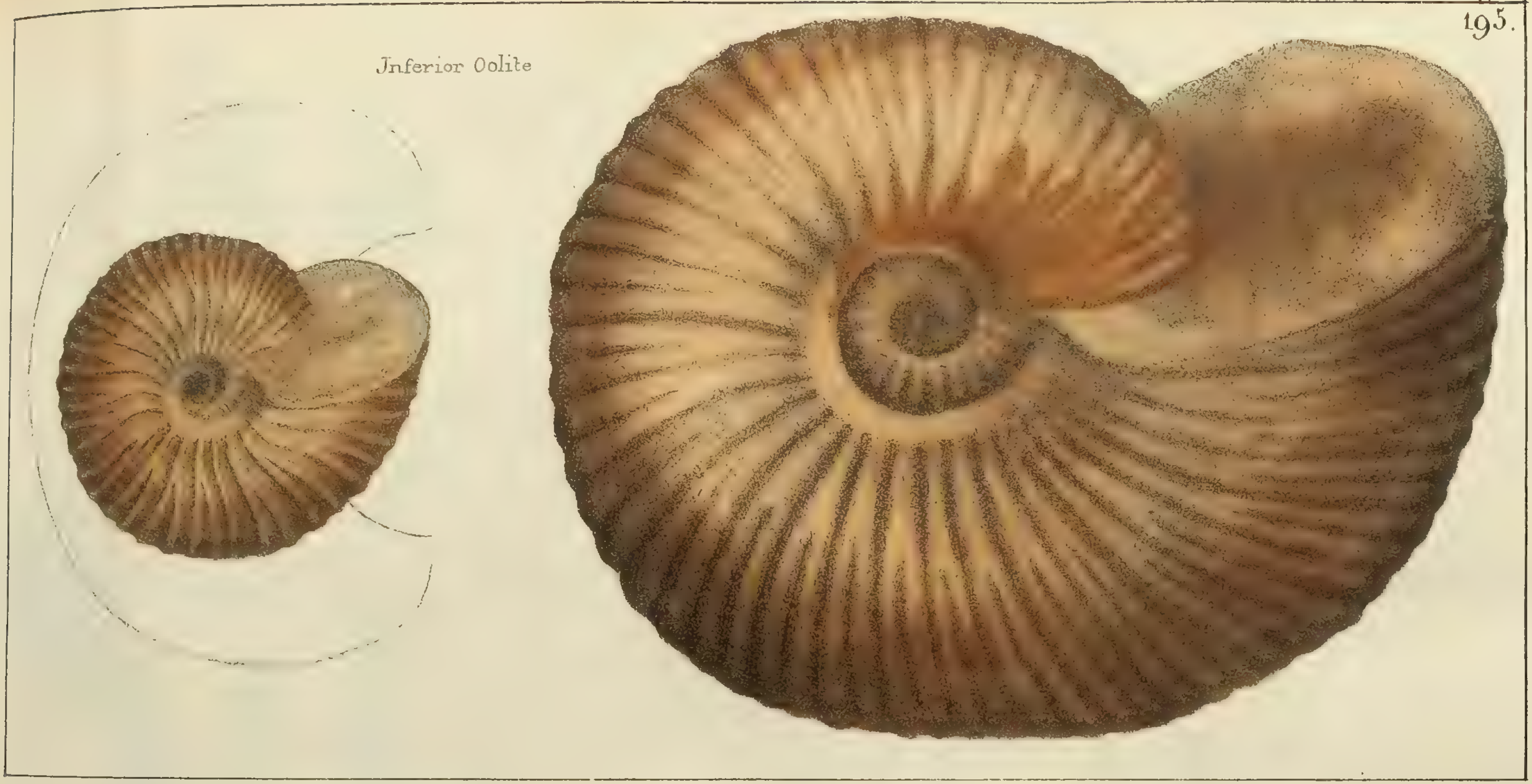
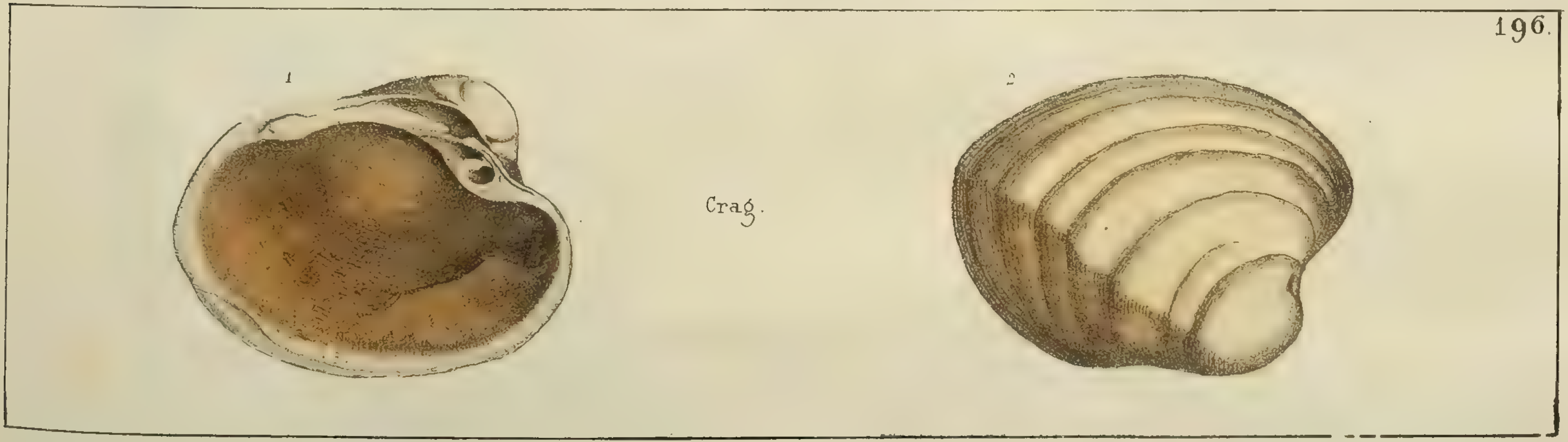
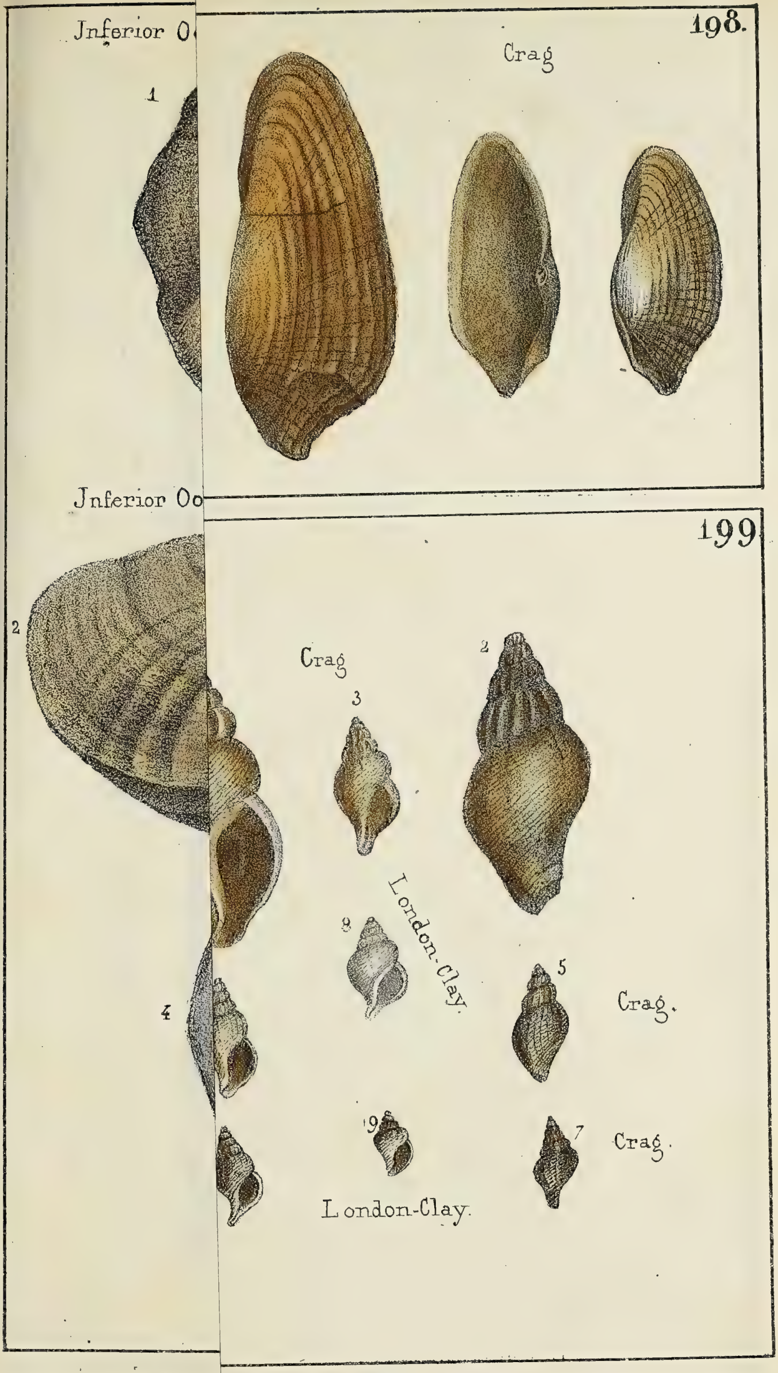
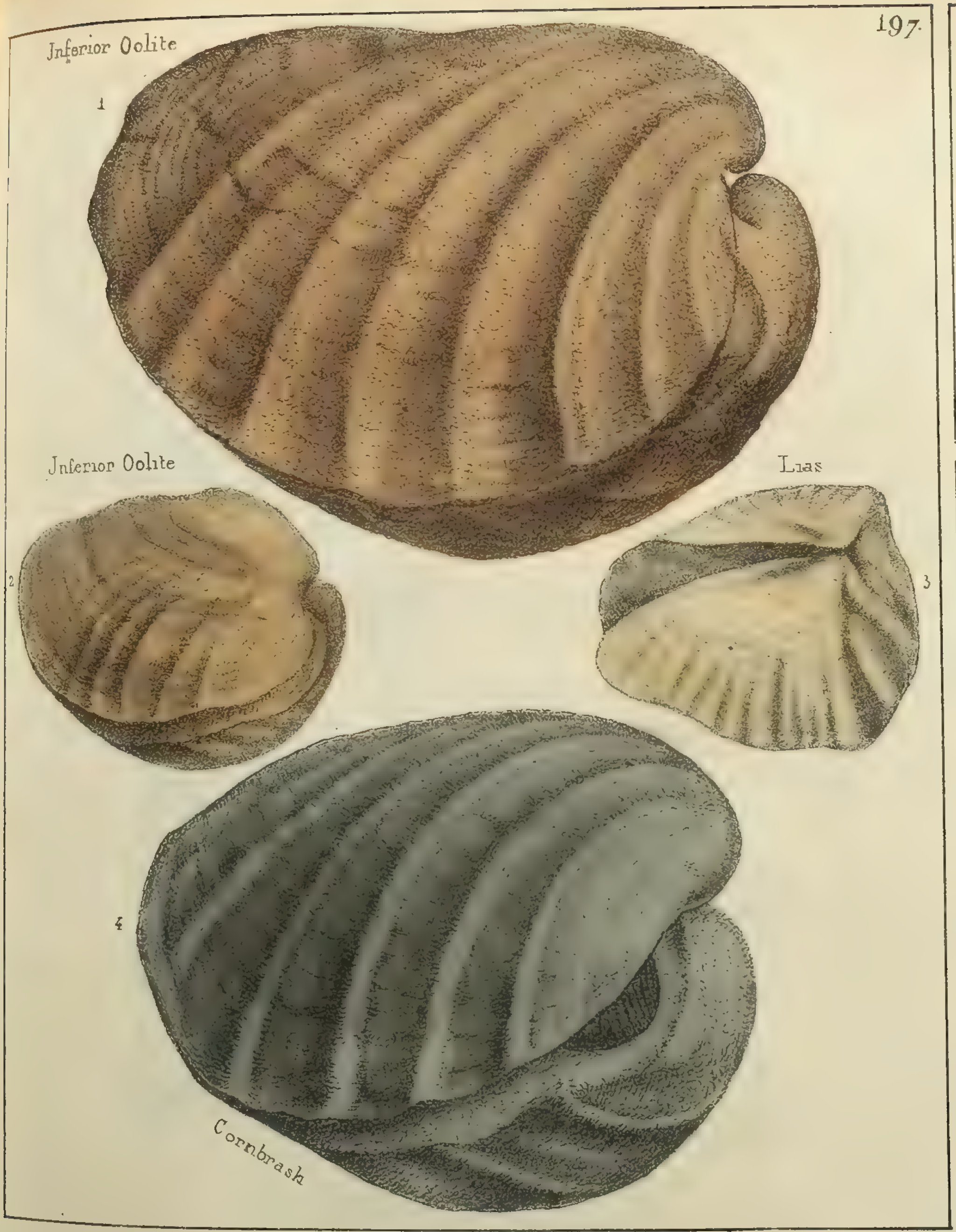


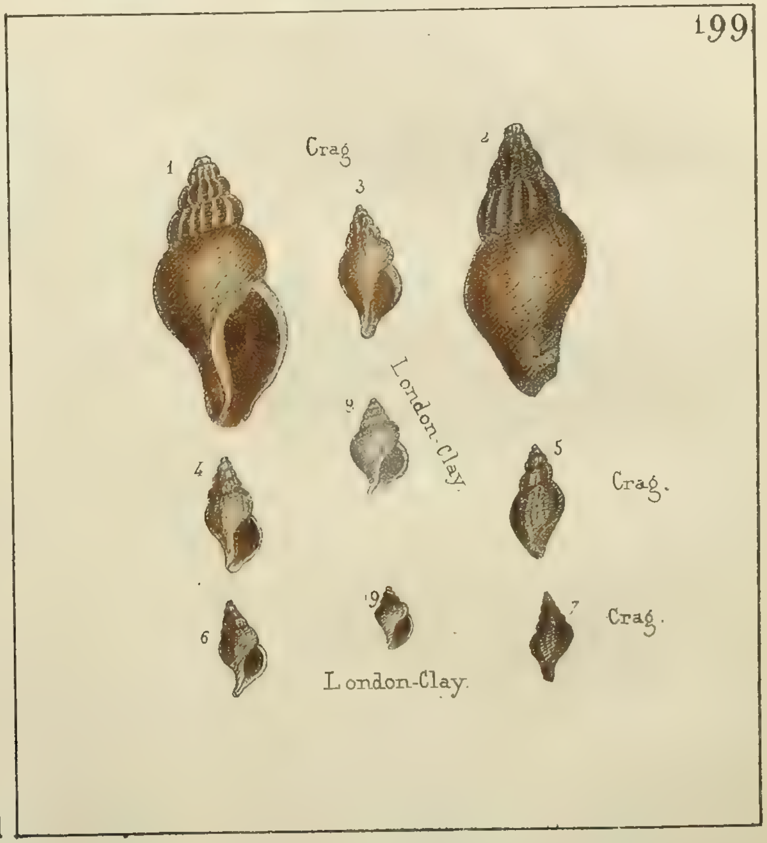


Tab. 195. Ammonites Herveyi Sow.- Tab. 196. Venus rustica. Sow



Tab.197. Fig.1. Card idea Sow.- Tab.198. Pholas cylindricus Sow.-
Tab.199. Fig.1.2.3 M. curtus. Sow.- Fig.9 M. gradatus. Sow.-





Tab.197.Fig.1.Cardita producta. Sow.-Fig.-2.Card. obtusa Sow.-Fig.3. Card. lirata Sow.-Fig.4. Card. deltoidea Sow.-Tab.198.Pholas cylindricus Sow.-
Tab.199. Fig.1.2.3.Murex rugosus Park.-Fig. 4.5.M: costellifer.Sow.-Fig.6.7.M. echinatus Broch.-Fig.8 M: curtus.Sow.-Fig.9 M. gradatus. Sow.-

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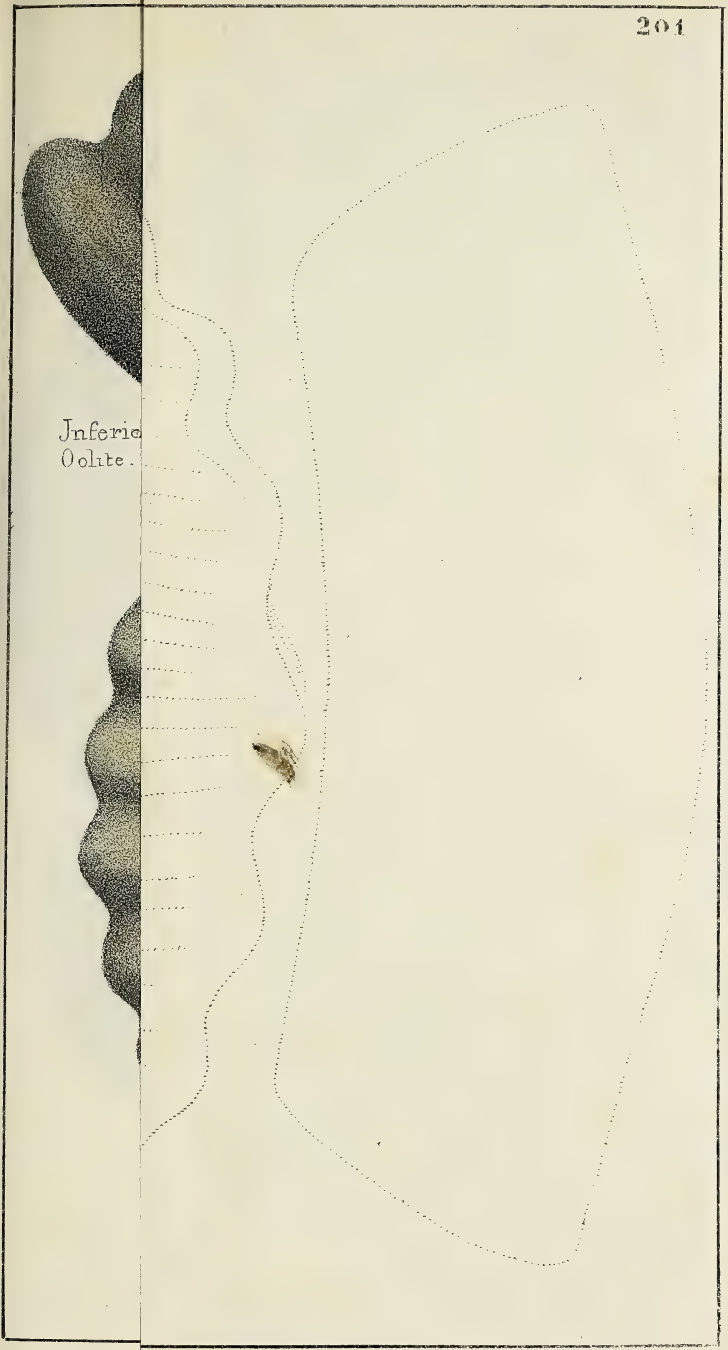
Ammonites Banksii. Sow.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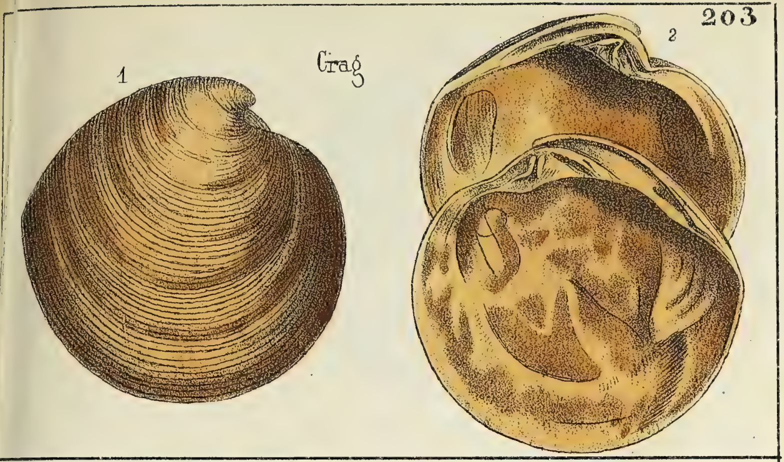
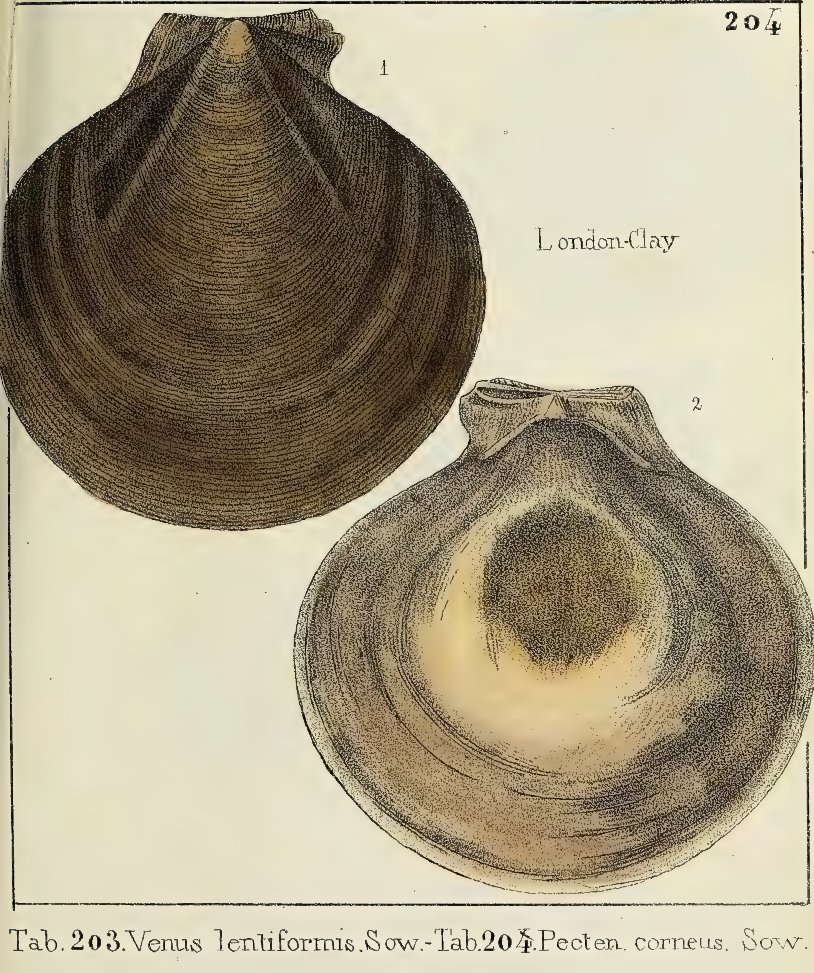
Ammonites Blagdeni, Sow.-

Ammonites Brocchii Sow.-





Tab. 203. Venus lentiformis. Sow. - Tab. 204. Pecten. corneus. Sow.

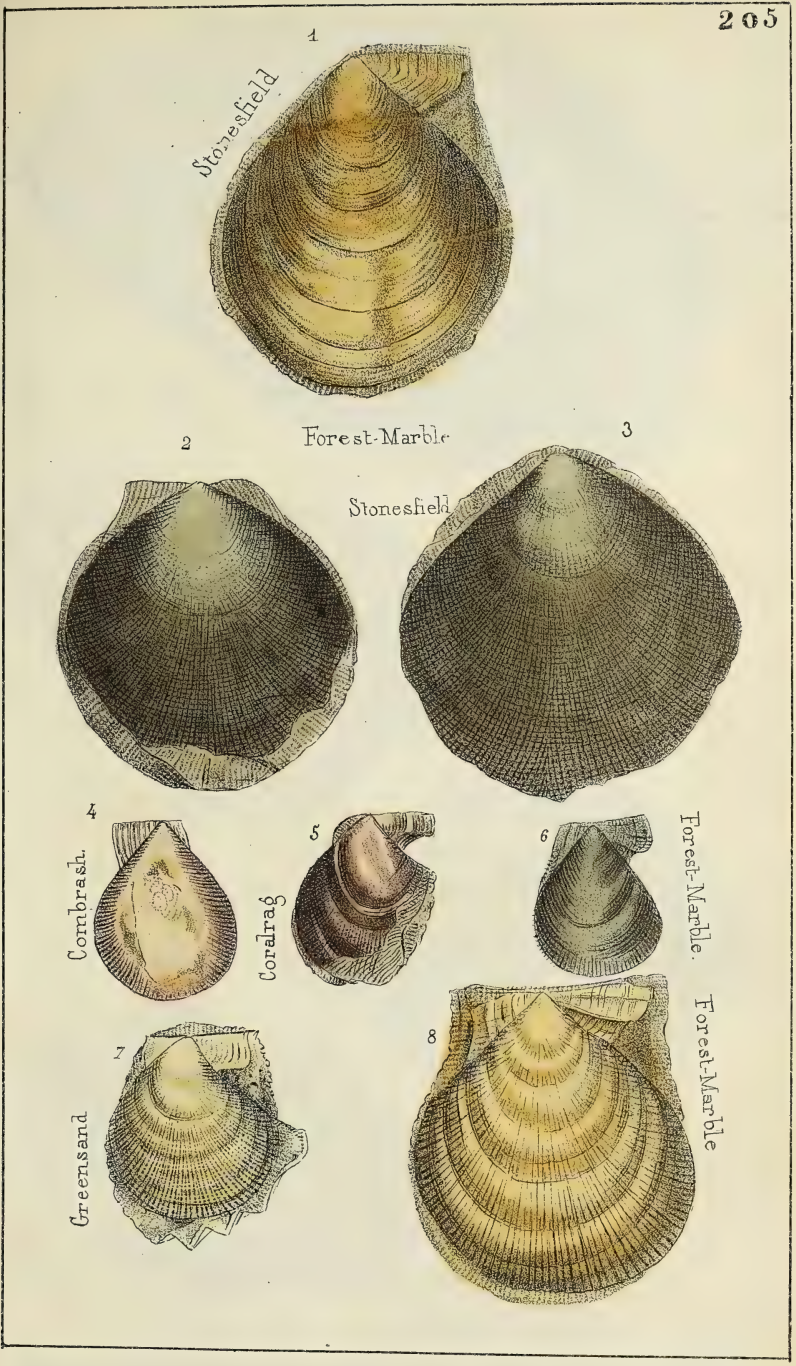


Fig.1. Pecten obscurus. Sow.-Fig.2.3. Pect. lens. Sow.-Fig.4. Pect. laminatus. Sow.
Fig.5.7. Pect. arcuatus. Sow.-Fig.6. Pect. similis. Sow.-Fig.8 Pect. rigidus. Sow.-

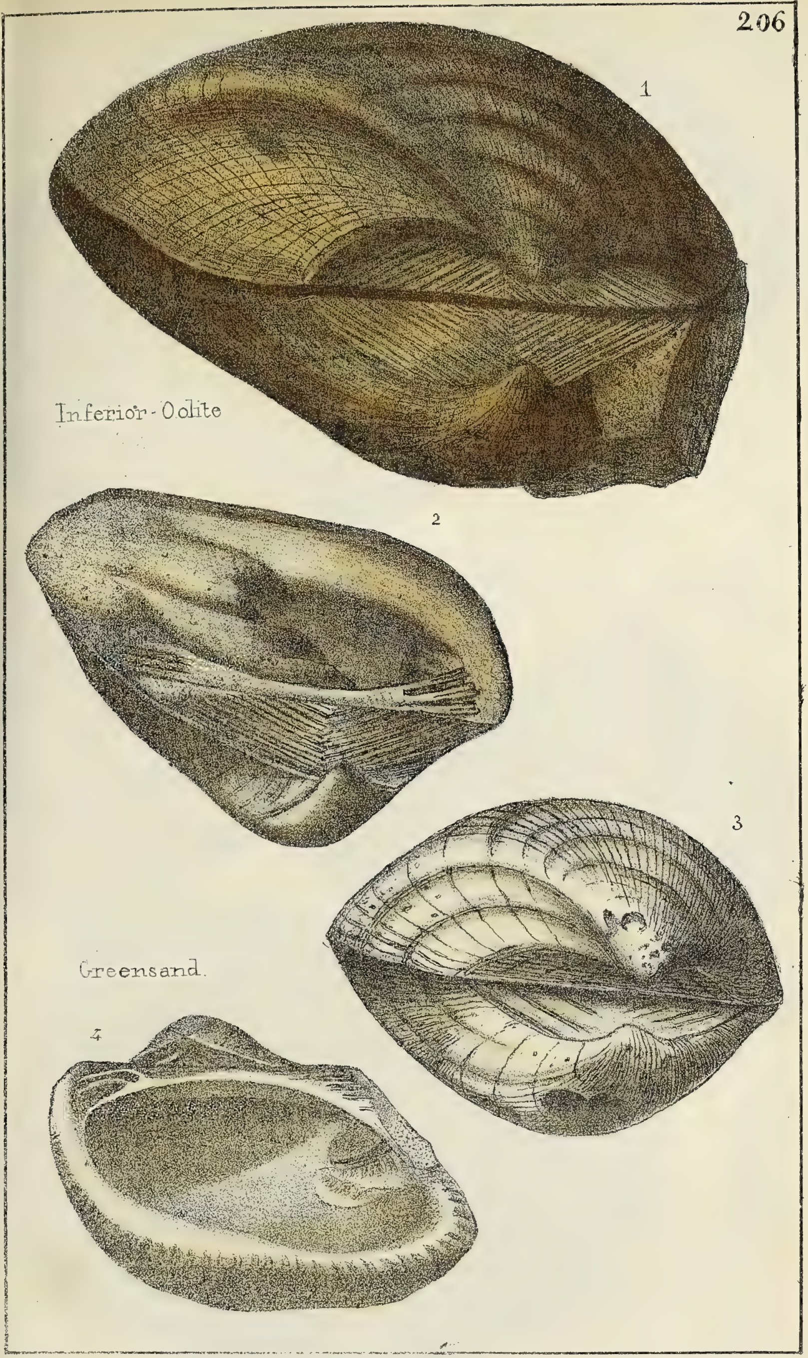
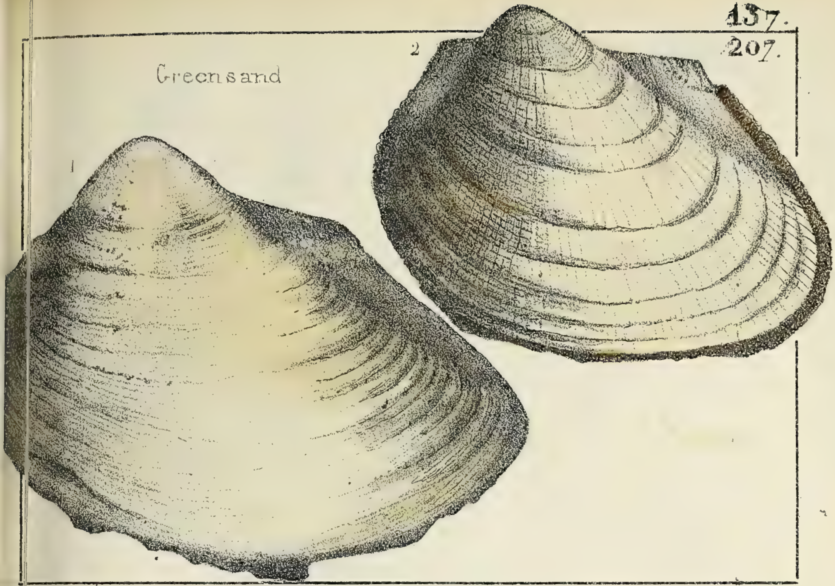
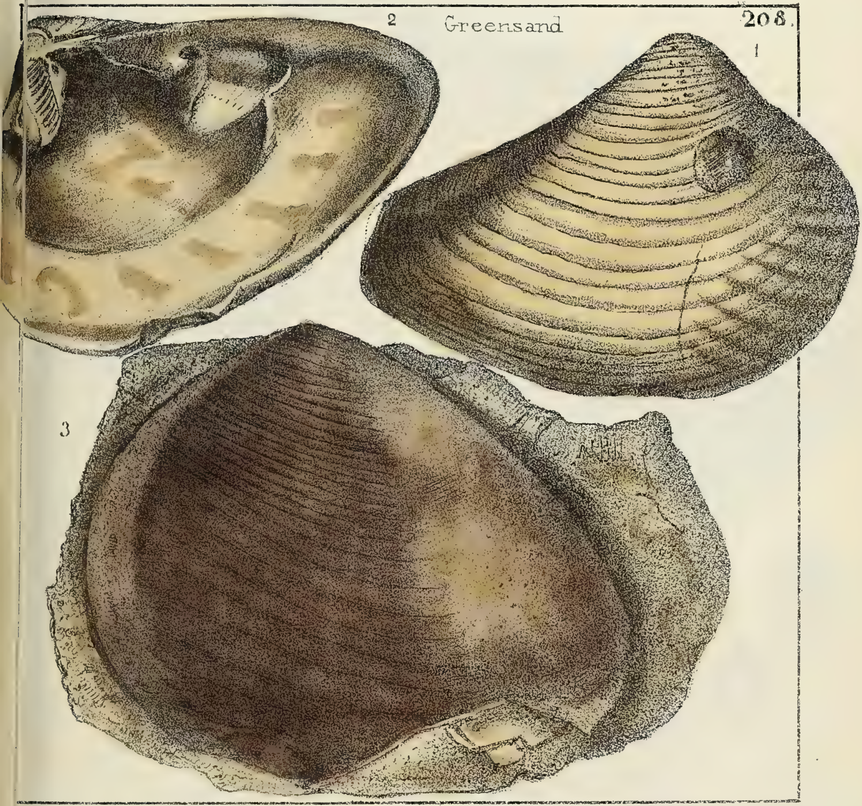


Fig. 1. 2. Cucullaea oblonga. Mill.- Fig. 3. 4. Cucull. decussata. Park.





Tab.207.Fig.1.Cucullaea carinata.Sow.-Fig.2.Card.fibrosa.Sow.-
Tab.208.Fig.1.2 Trigonia.excentrica Park.-Fig.3.Trig.affinis.Mill.

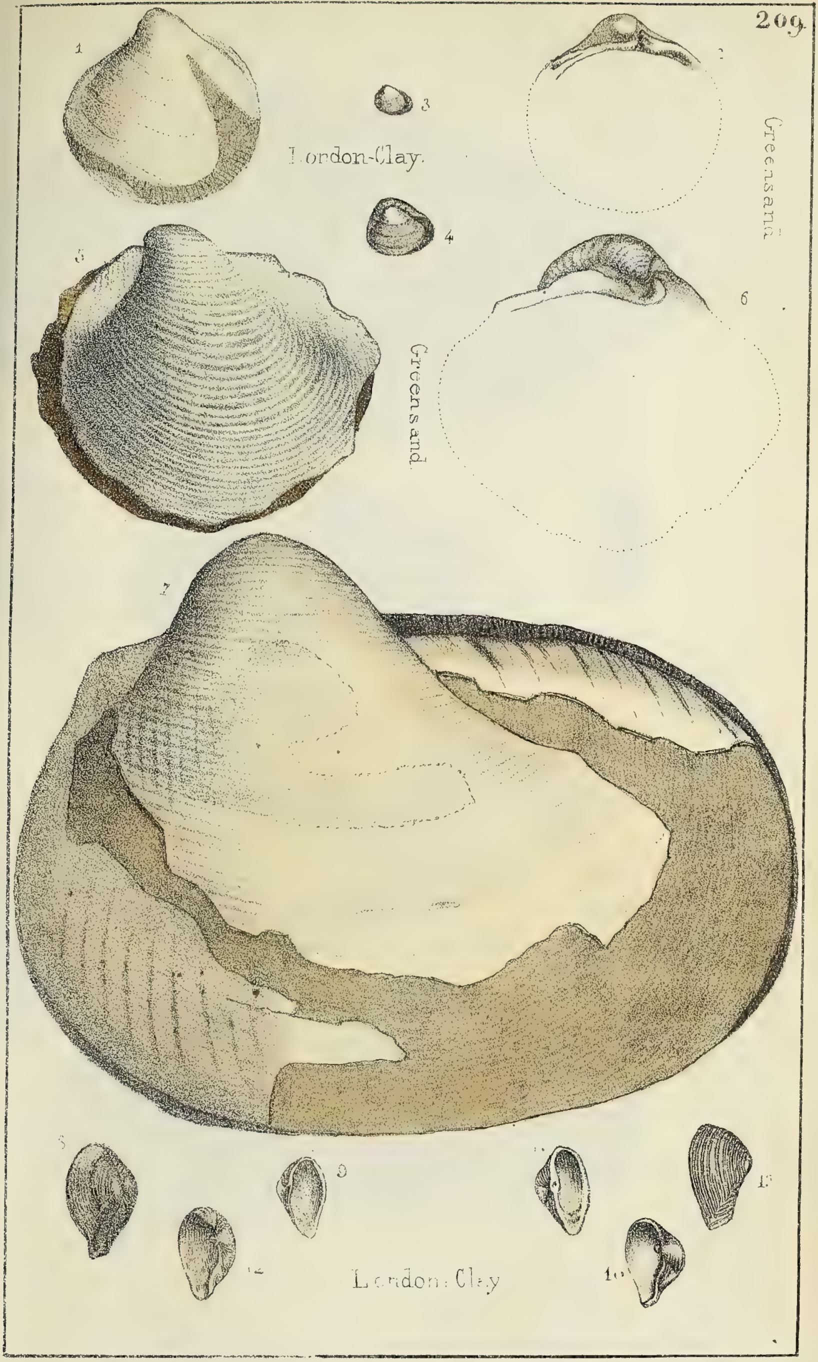
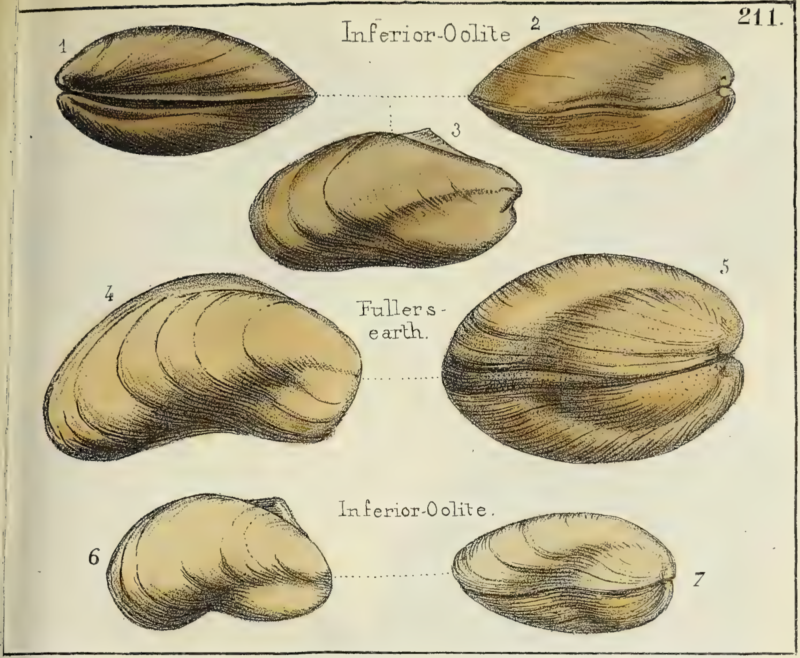
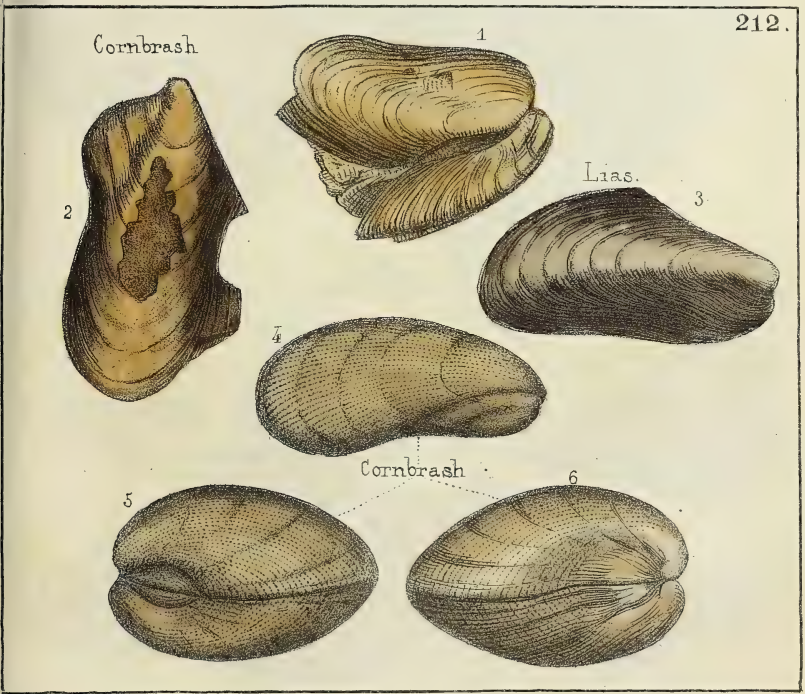


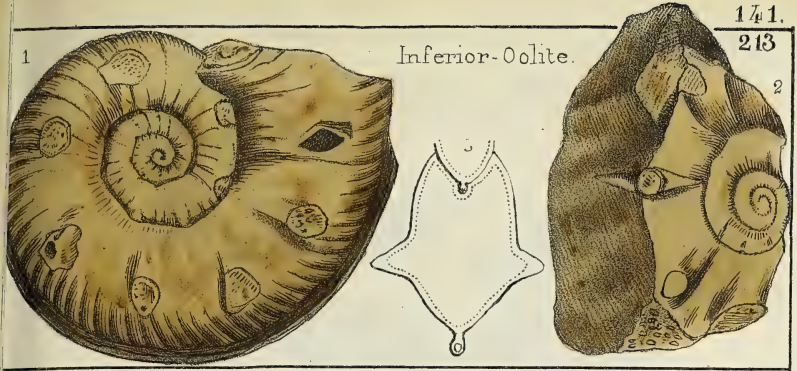
Fig. 1. 2 Corbula laevigata. Sow.- Fig. 3. Corb. globora. Sow.- Fig. 4 Corb. pisum. Sow.- Fig. 5. 6. 7. Corb. gigantea. Sow.- Fig. 8-13. Corb. revoluta. Sow.-

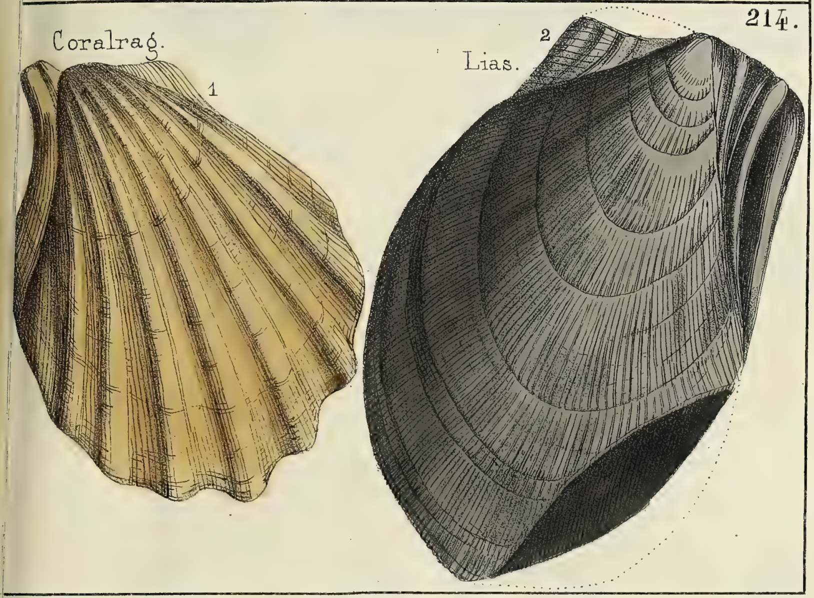
Fig. 1. 2. Modiola subcarinata Lam.-Fig. 3. Mod. aequalis. Sow
Fig. 4. 5. 6. Mod. bipartita Sow.-Fig. 7. 8. 9. Mod. minima. Sow

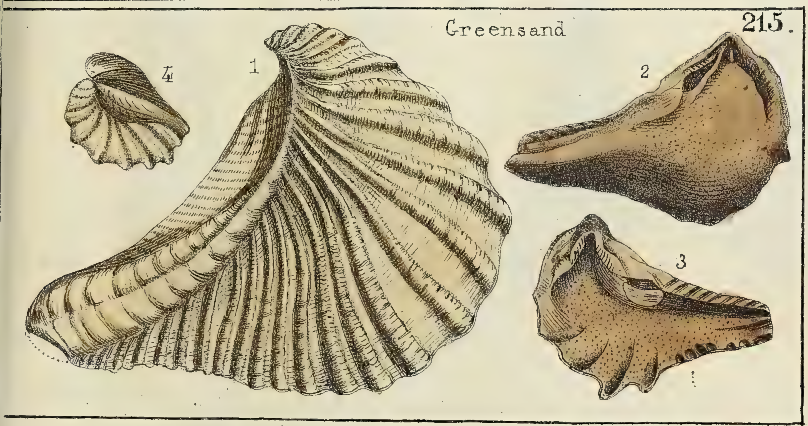




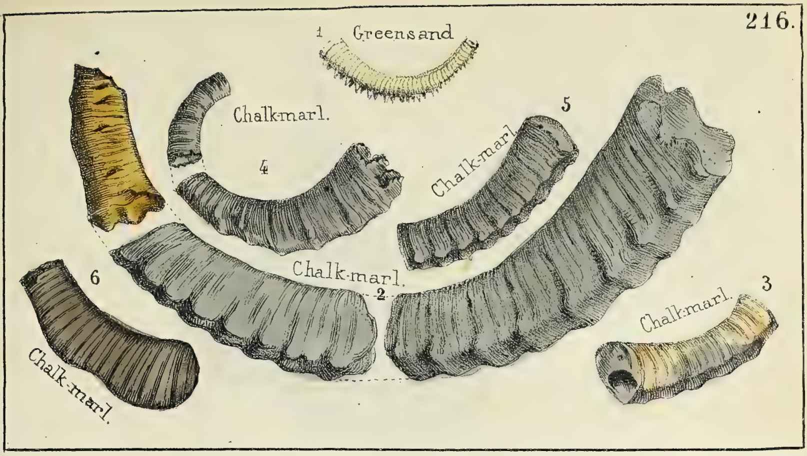
Tab. 211. Fig. 1.2.3. Modiola cuneata. Sow.- Fig. 4.5. Mod. gibbosa Sow.-
Fig. 6.7. Mod. reniformis. Sow.-
Tab. 212. Fig. 1.2. Mod. imbricata. Sow.- Fig. 3. Mod. Hillana. Sow.-
Fig. 4.5.6. Mod. aspera Sow.

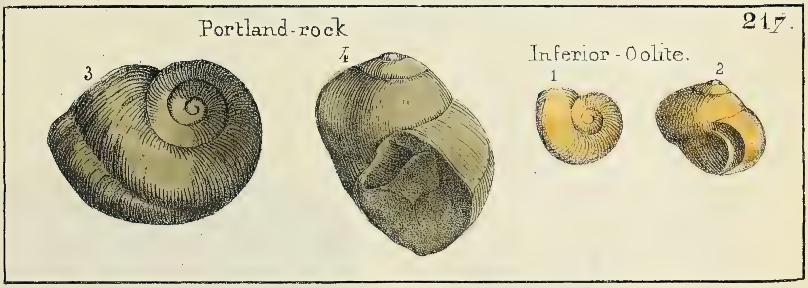


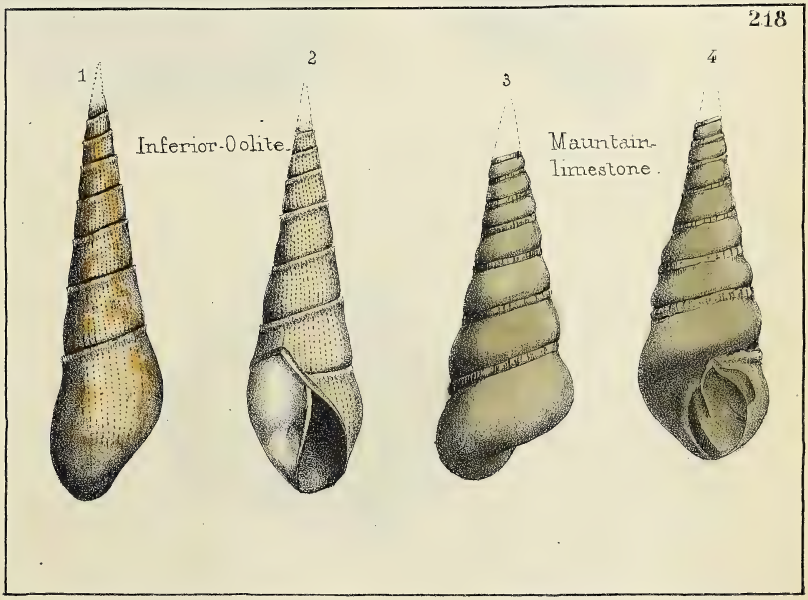




Tab. 213. Ammonites Sowerbyi Mill.
Tab. 214. Fig. 1. Lima rudis. Sow.- Fig. 2. Lima antiquata. Sow.
Tab. 215. Trigonia aliformis. Sow.







Tab. 216. Fig. 1. Hamites spinulosus Sow.-Fig. 2. Ham. spiniger Sow.-
Fig. 3. Ham. nodosus. Sow.-Fig. 4. 5. Ham. tuberculatus. Sow.-Fig. 6. Ham. turgidus. Sow.
Tab. 217. Fig. 1. 2. Nerita laevigata. Sow.-Fig. 3. 4. Nerita sinuosa. Sow.
Tab. 218. Fig. 1. 2. Melania lineata. Sow.-Fig. 3. 4. Melania constricta. Sow.

Inferior-Oolite.

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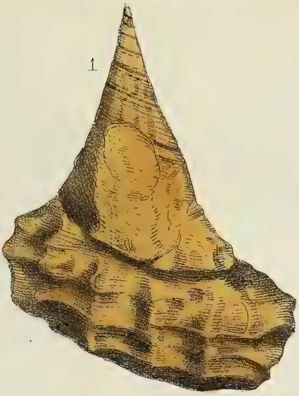

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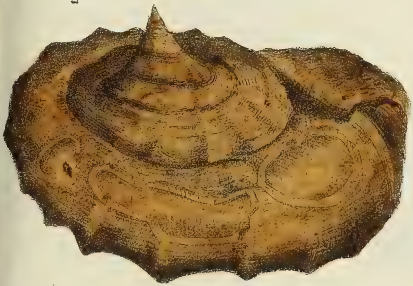

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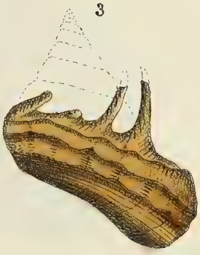

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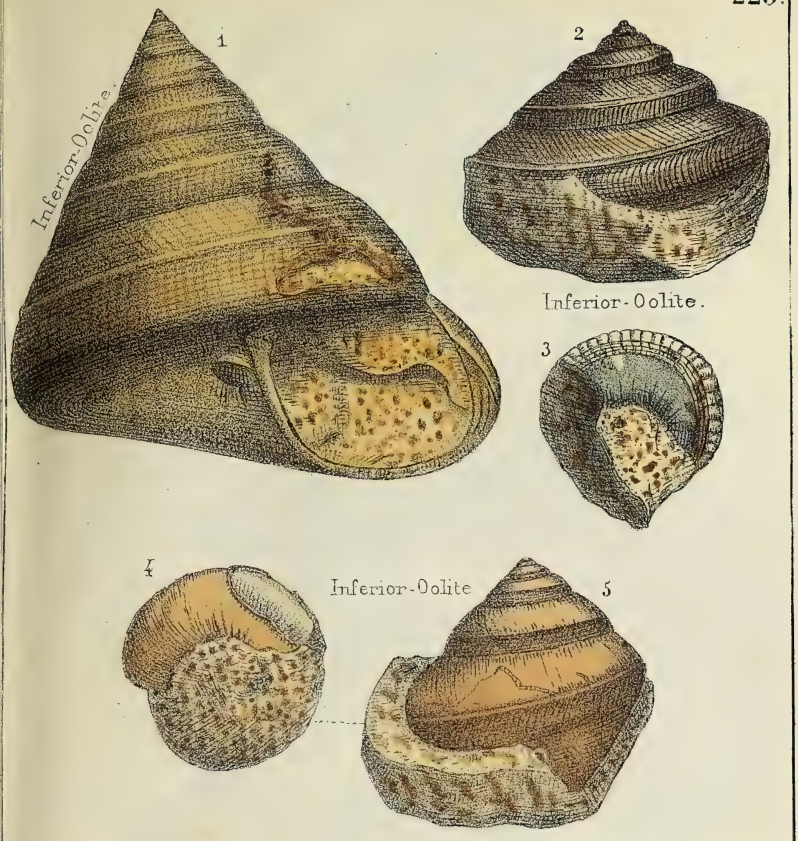
Fig. 1. 2. 4 Cirrus nodosus Sow.- Fig. 3. Cirrus Leachi Sow.-

220.



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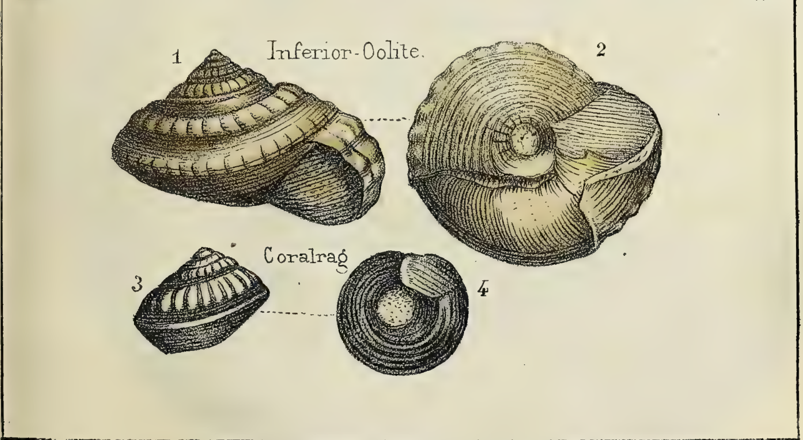
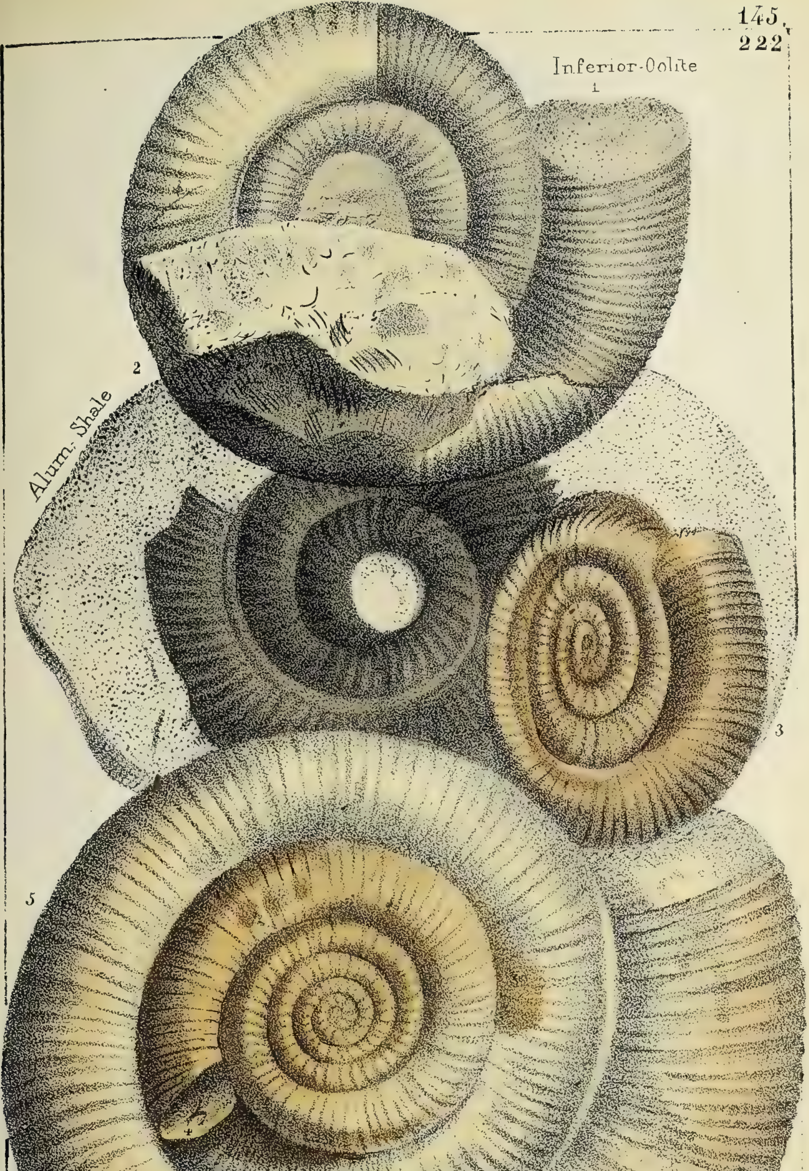
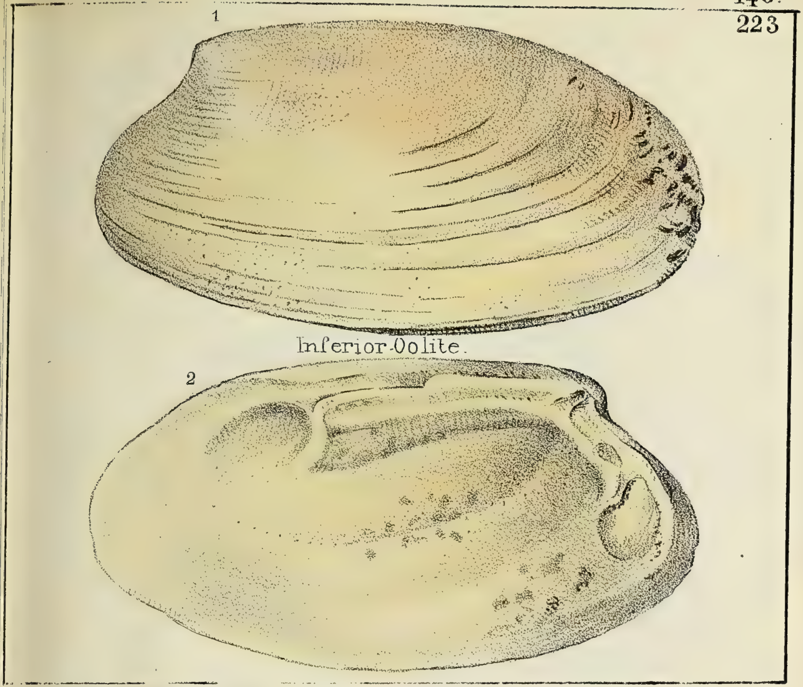
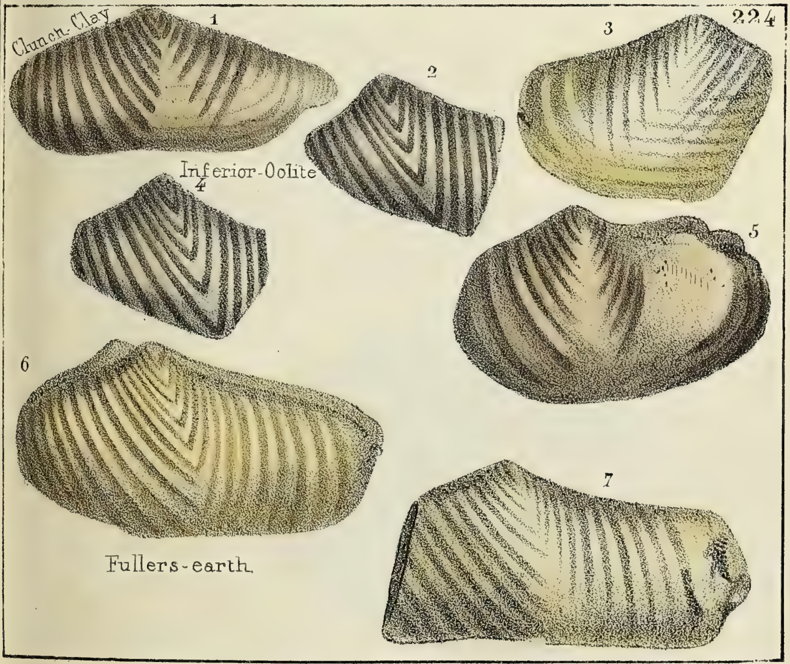


Tab. 220. Fig. 1. Trochus fasciatus Sow.- Fig. 2.3. Trochus granulatus. Sow.-
Fig. 4.5. Trochus sulcatus Sow.-
Tab. 221. Fig. 1.2 Trochus ornatus. Sow.- Fig. 3.4. Troch. bicarinatus Sow.-

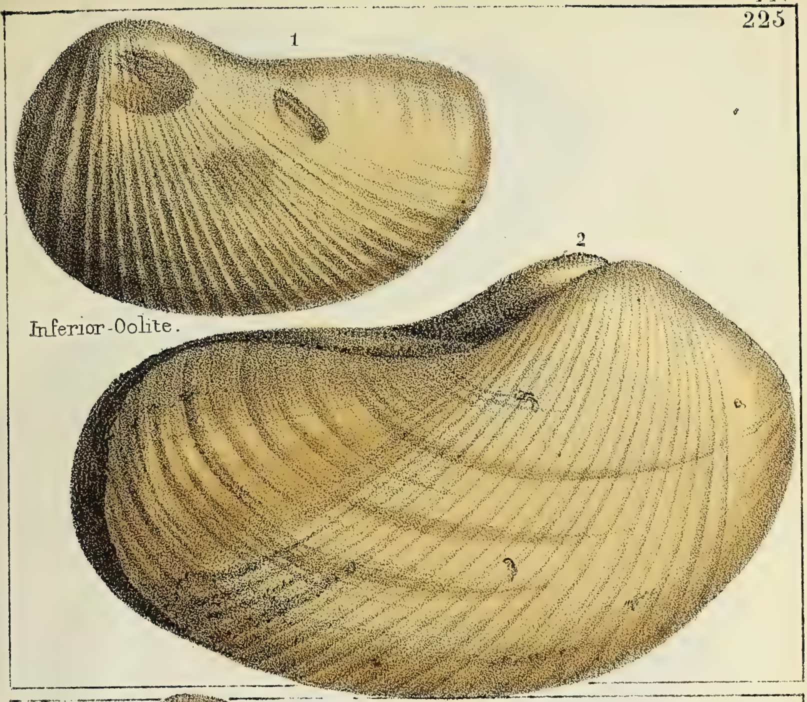


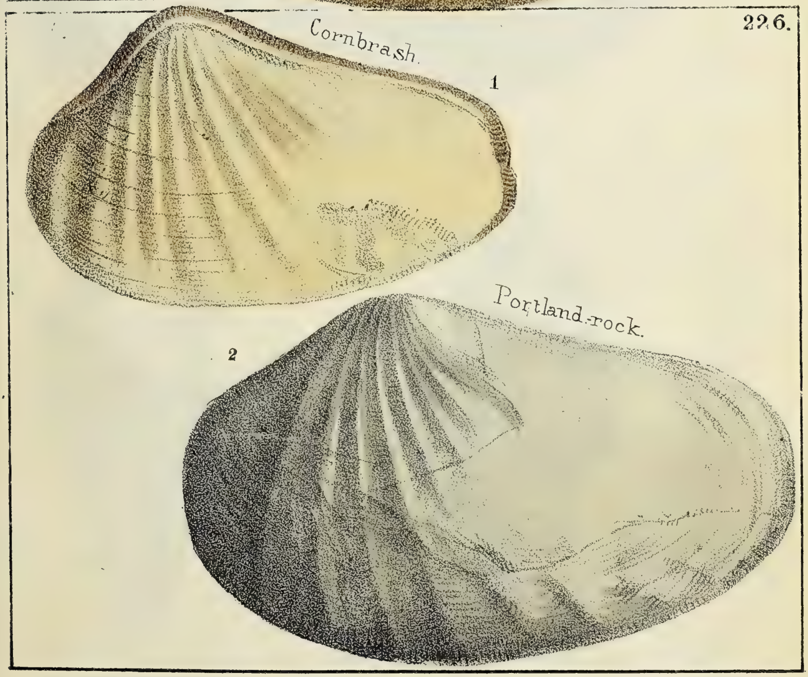
Ammonites annulatus. Sow.





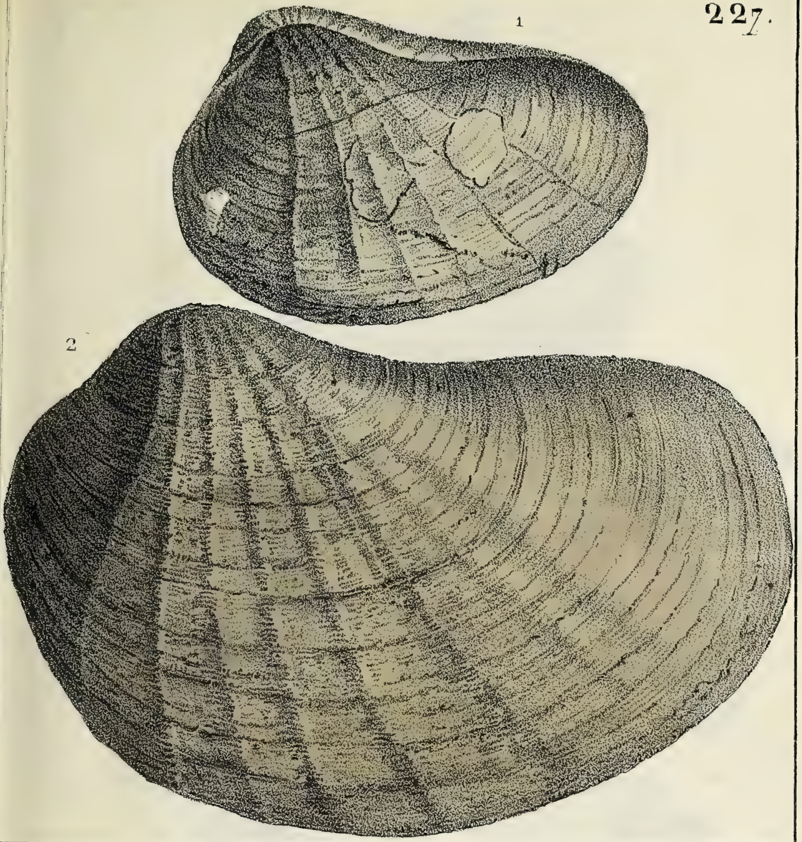
Tab. 223 Unio concinnus. Sow.
Tab. 224. Fig. 1. Mya. literata Sow.-Fig. 2. 3. 4. 5 Mya V scripta. Sow.-
Fig. 6. 7. Mya angulifera Sow.





Tab. 225. Lutraria lirata. Sow.
Tab. 226. Lutraria ovalis. Sow.

227.



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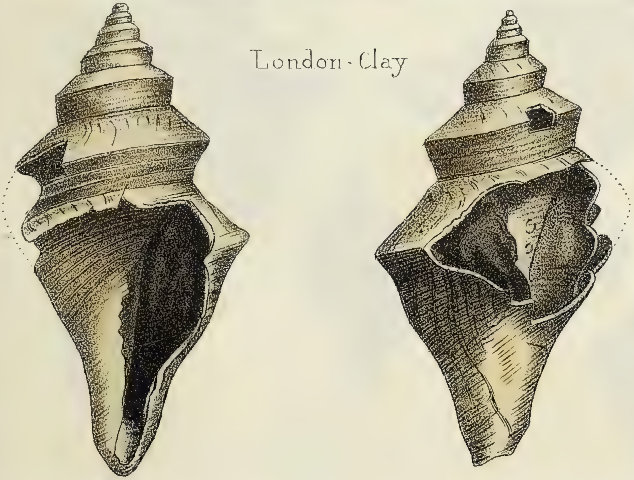
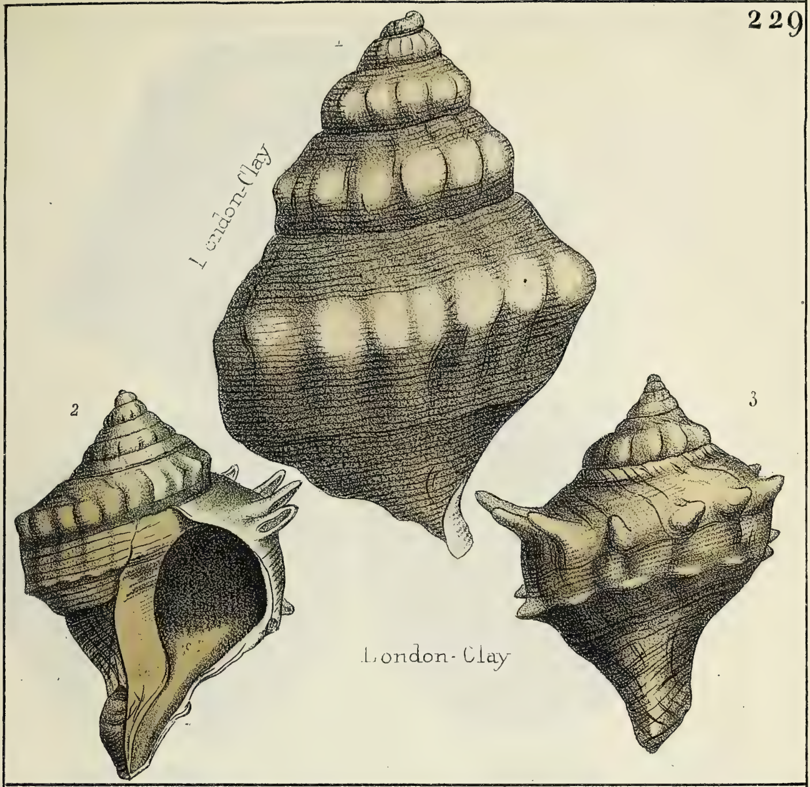
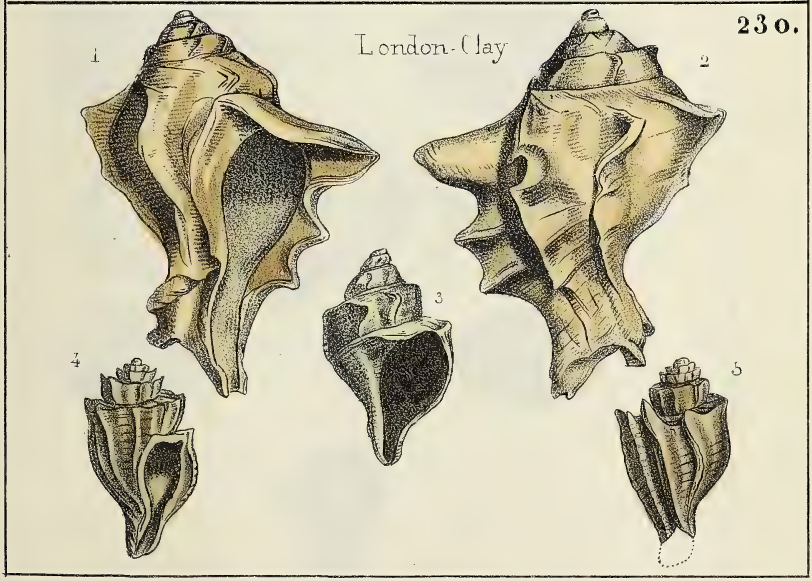


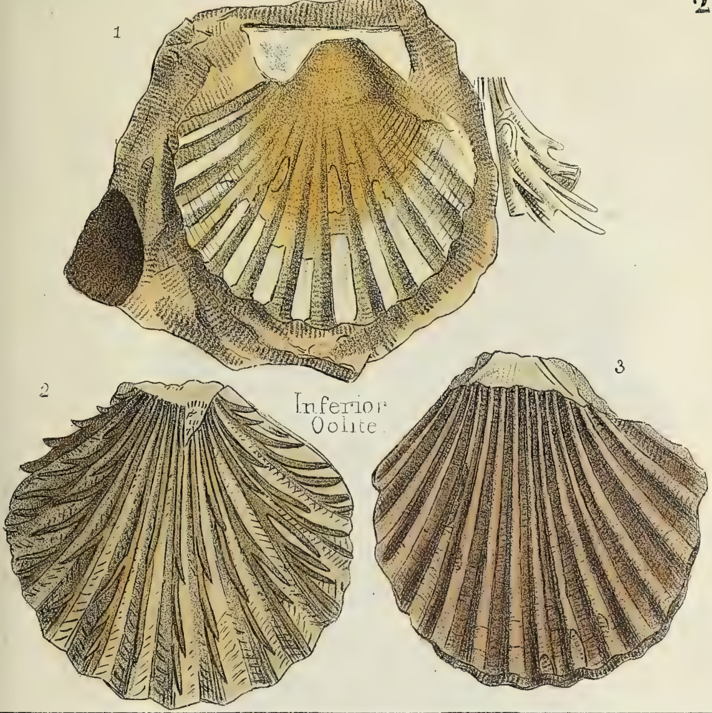
Tab. 227. Lutraria ambigua. Sow.
Tab. 228. Fusus bifaciatus. Sow.



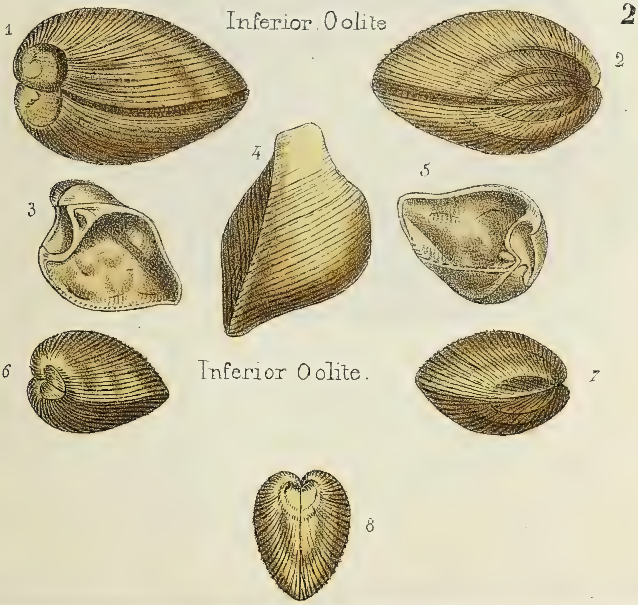


Tab. 229. Fig. 1. Murex. tuberosus Sow. Fig. 2.3. Mur. minax. Brand.
Tab. 230. Fig. 1.2.3. Mur. cristatus Sow. Fig. 4.5. Mur. coronatus Sow.

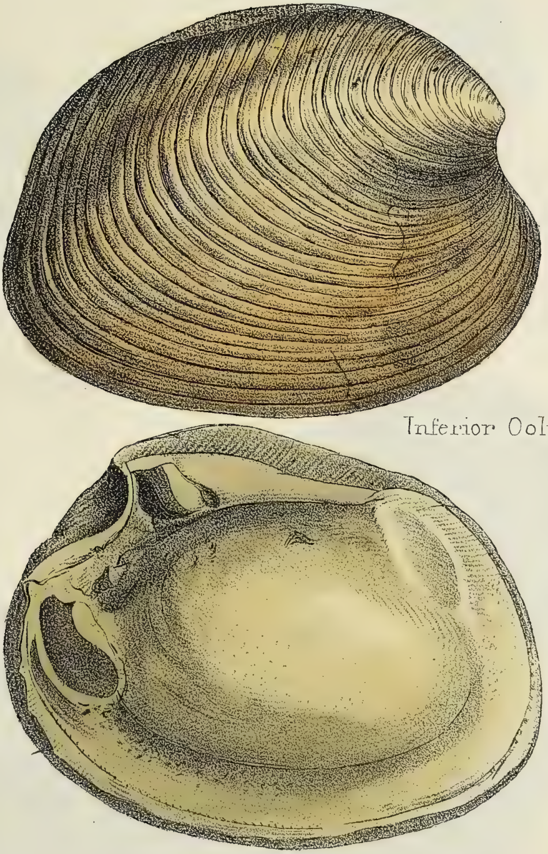
231.



232.



Tab. 231. Pecten barbatus. Sow.-
Tab. 232. Fig. 1-5. Cardita lunulata. Sow.- Fig. 6.7.8. Card. similis. Sow.-



Inferior Oolite.

Astarte excavata. Sow.

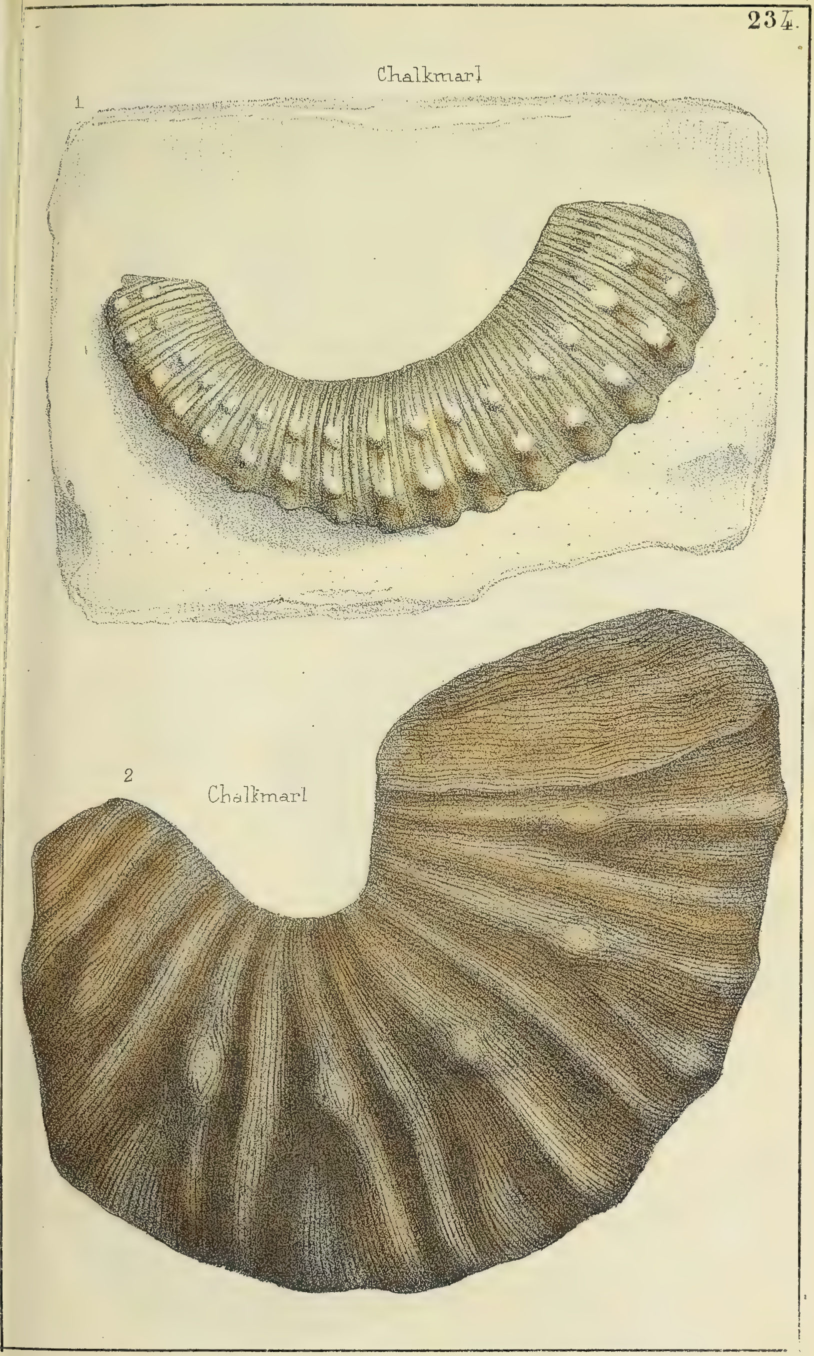
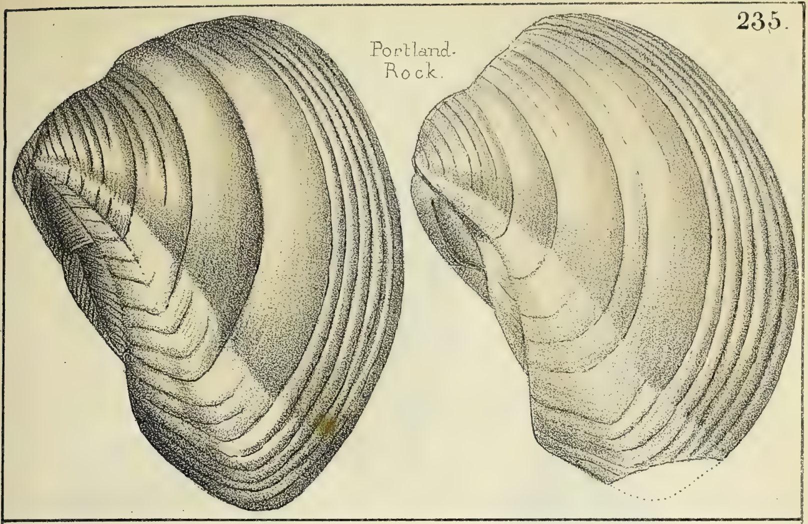
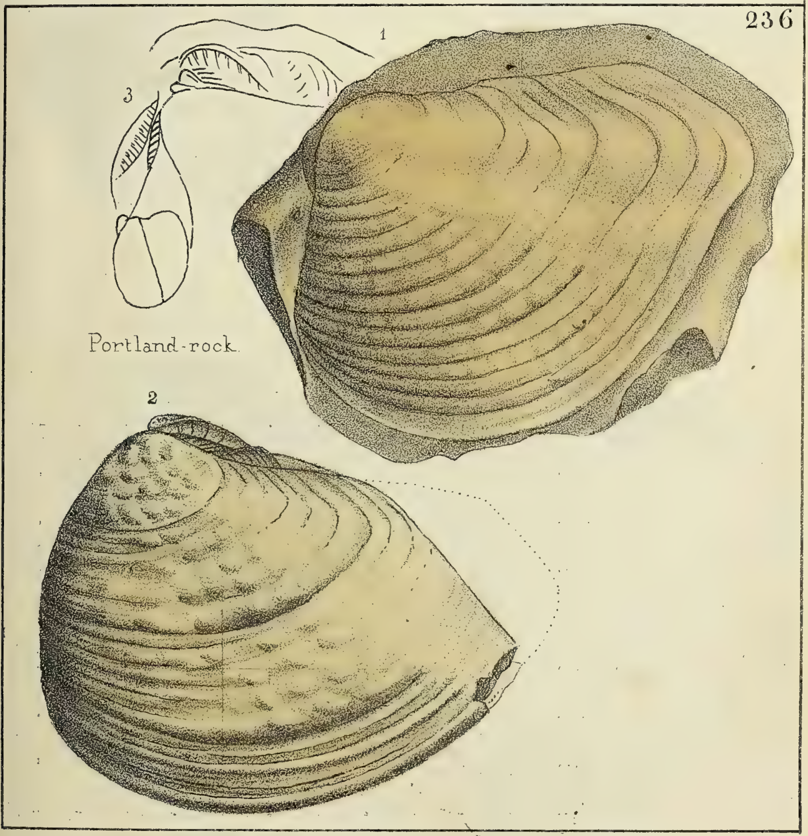


Fig.1. Hamites plicatilis





Tab. 235. et 236. Trigonia gibbosa. Sow.

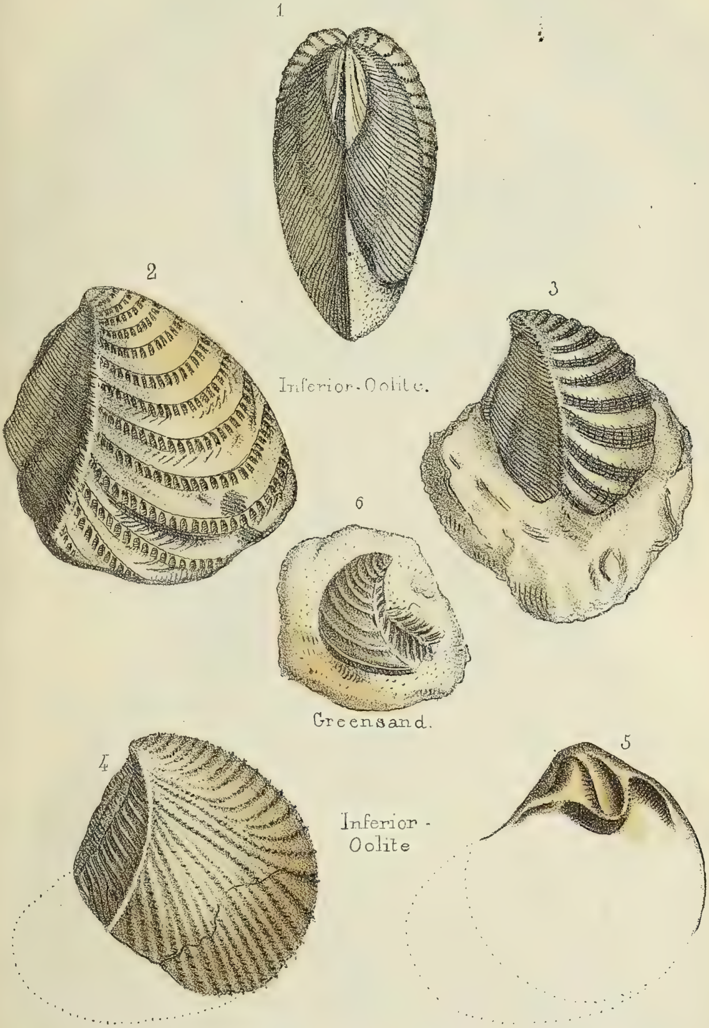


Fig. 1. 2. 3. Trigonia striata. Mill. - Fig. 4. 5. Trig. duplicata. Sow. -
Fig. 6. Trig. pennata. Sow. -

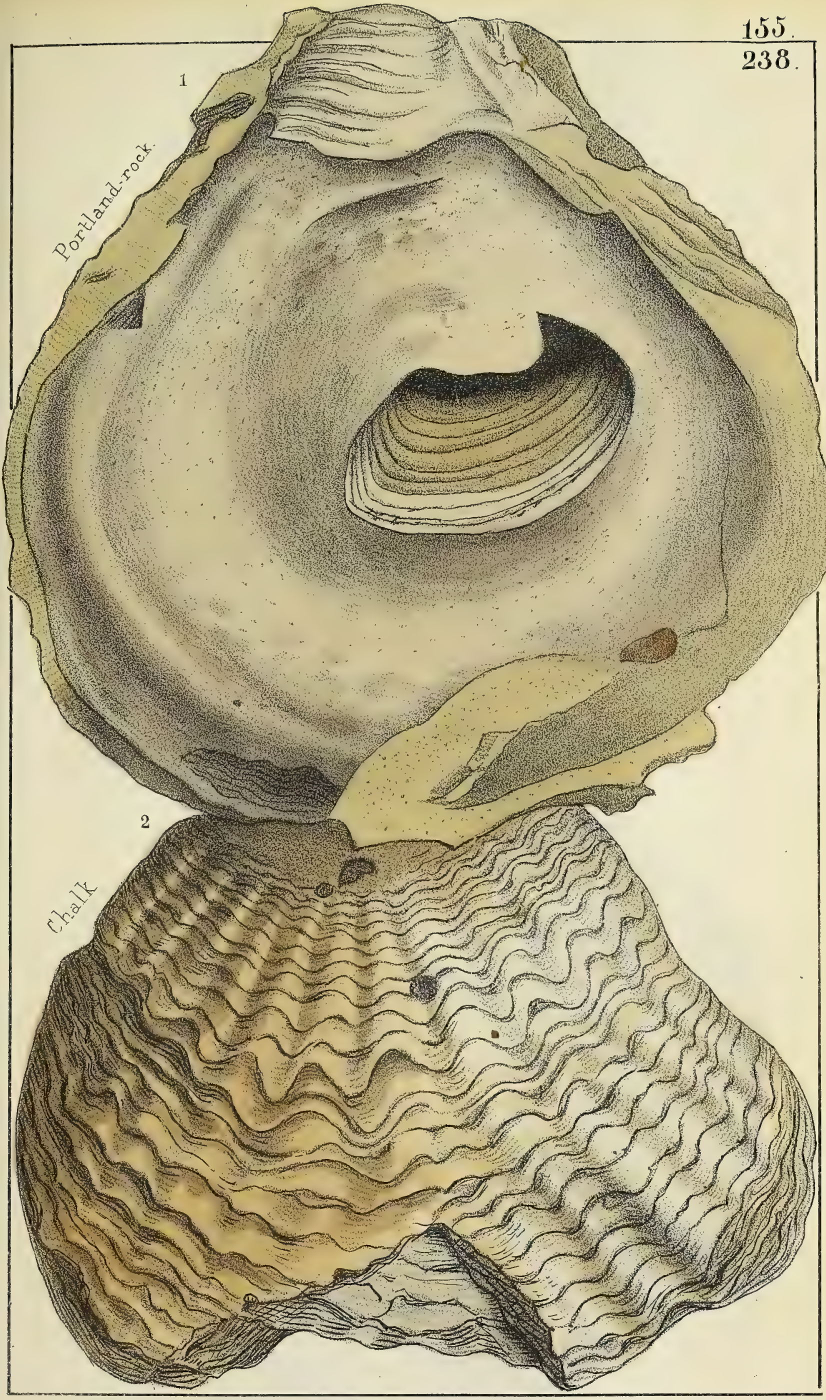
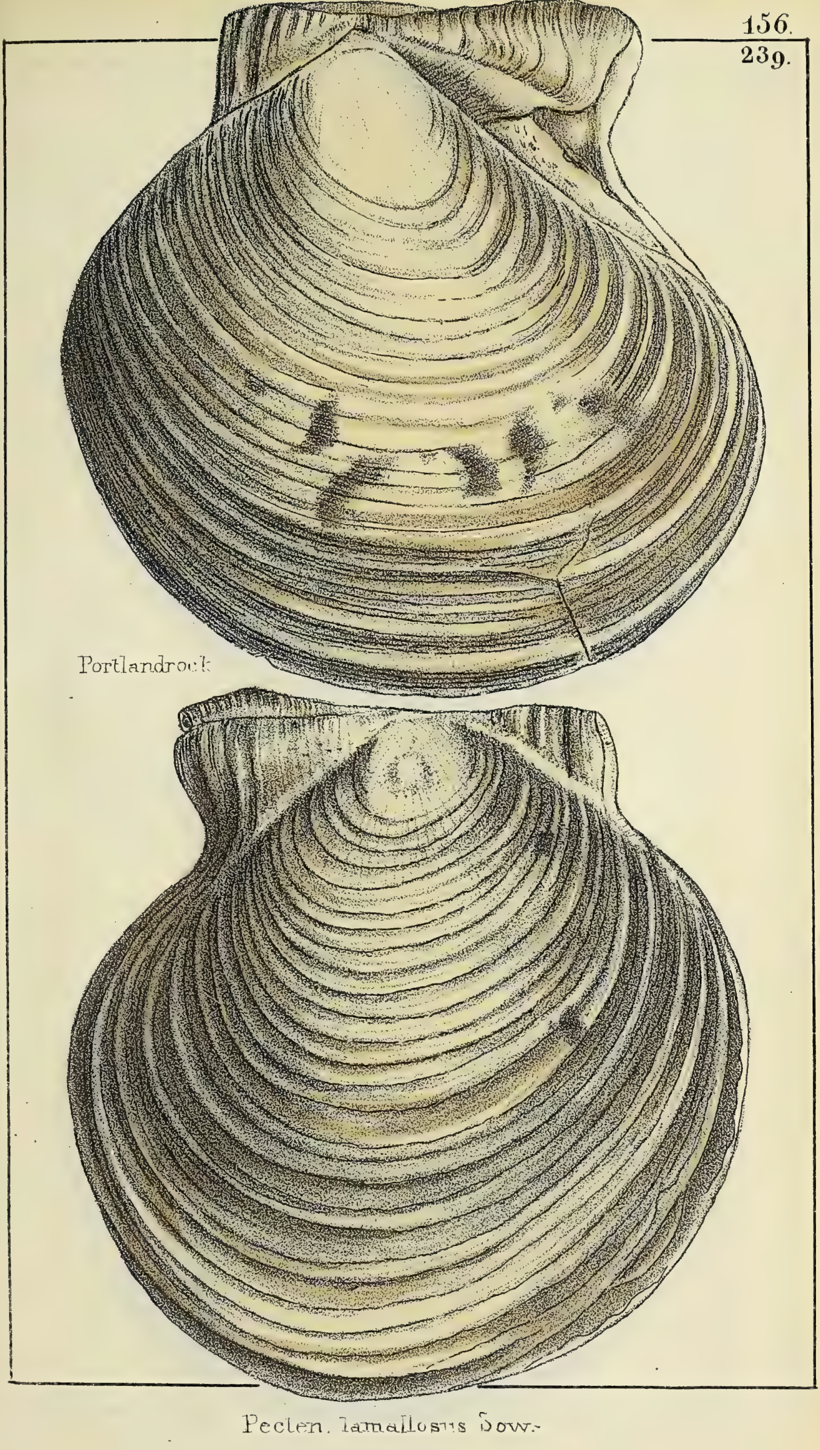
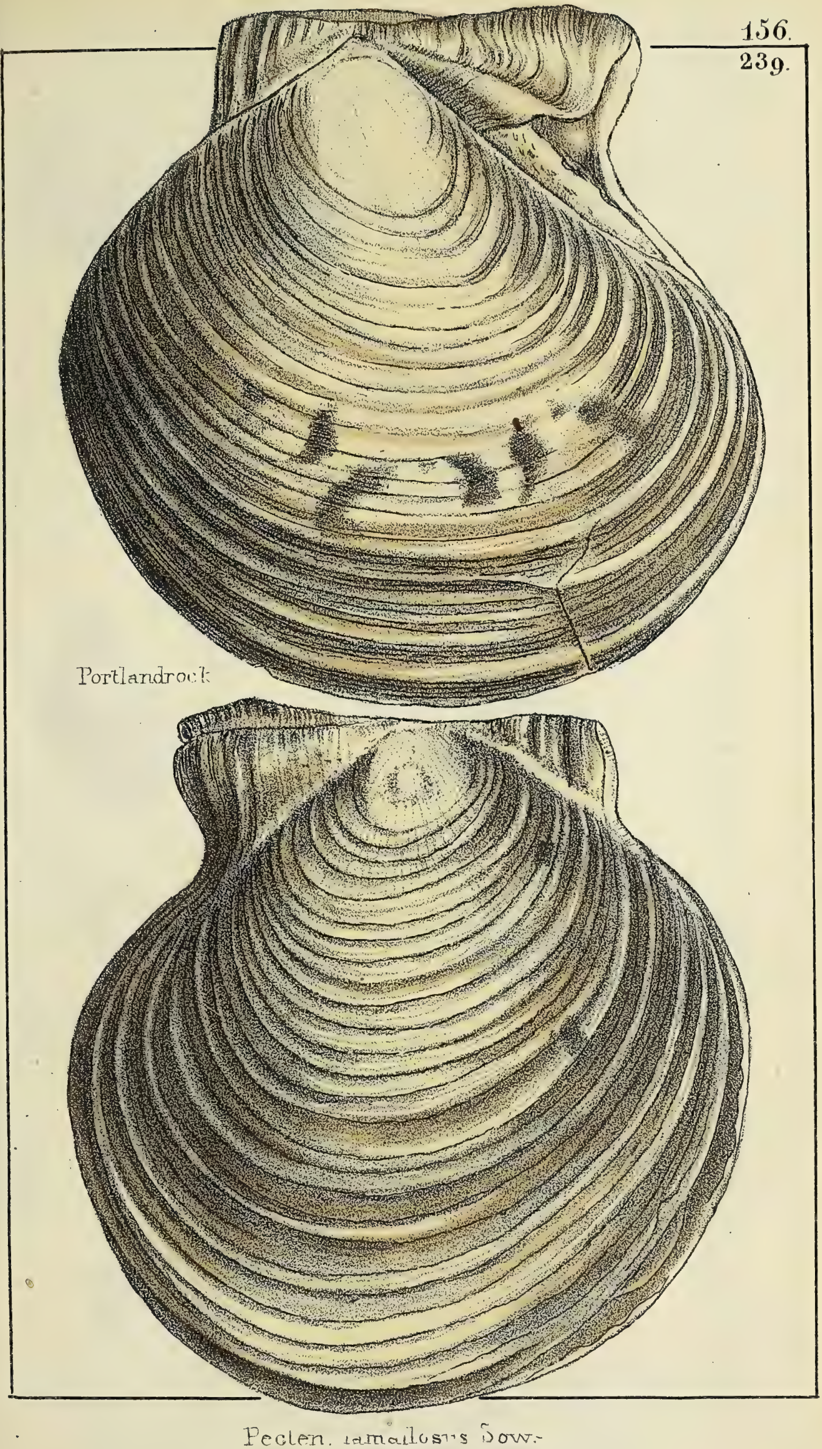


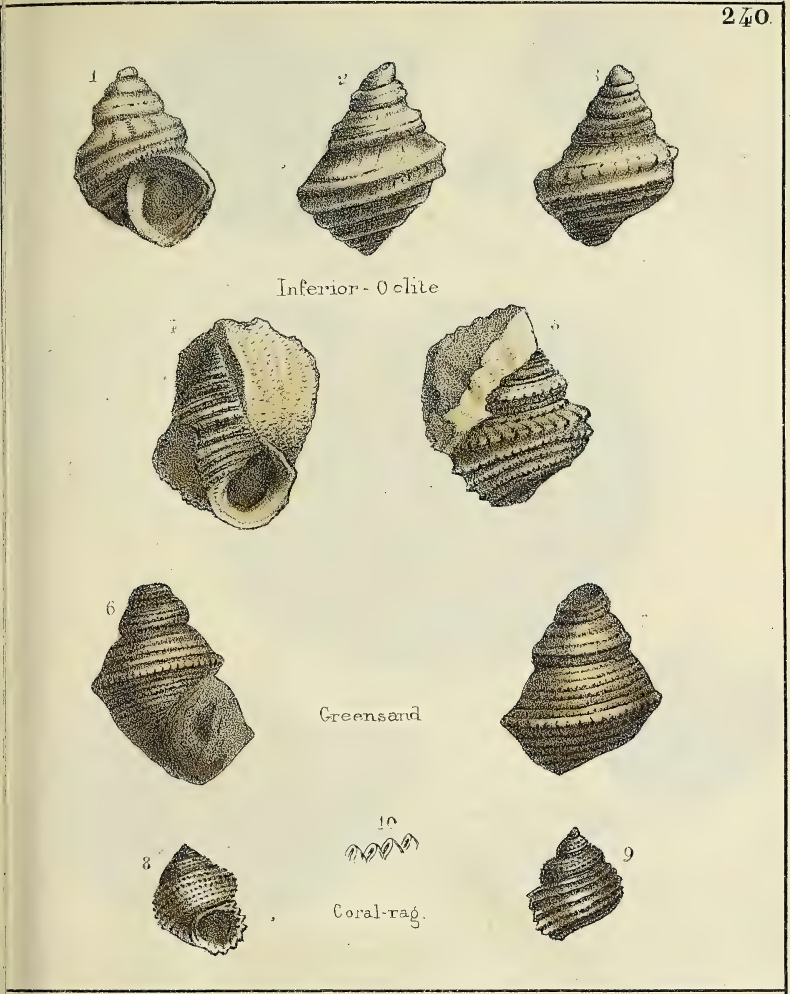
Fig. 1. Ostrea expansa Sow.- Fig. 2. Ostrea undulata. Sow.-

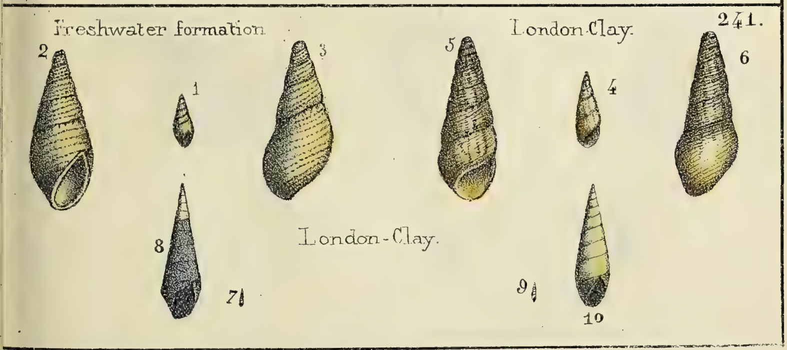


Pecten. lamallosus Sow.



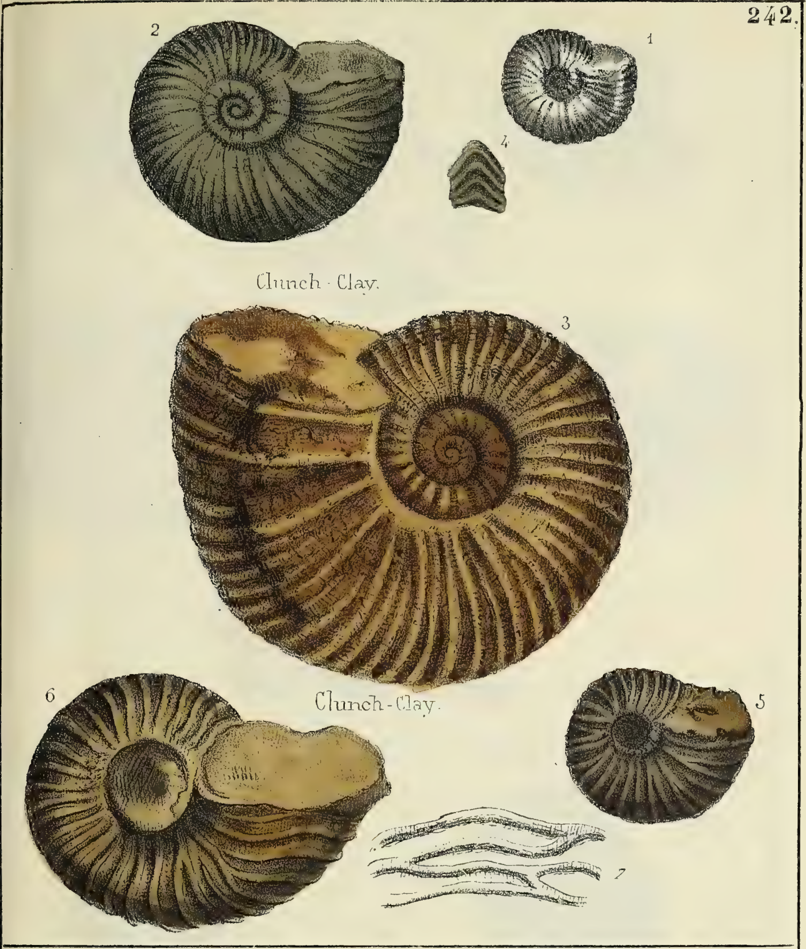
Pecten. lamellosus Sow.

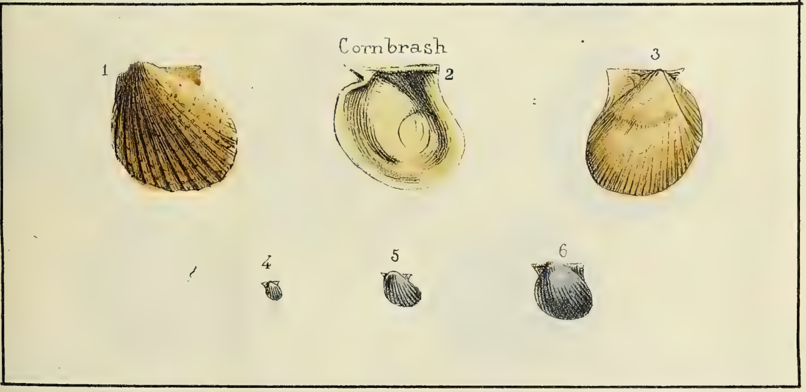




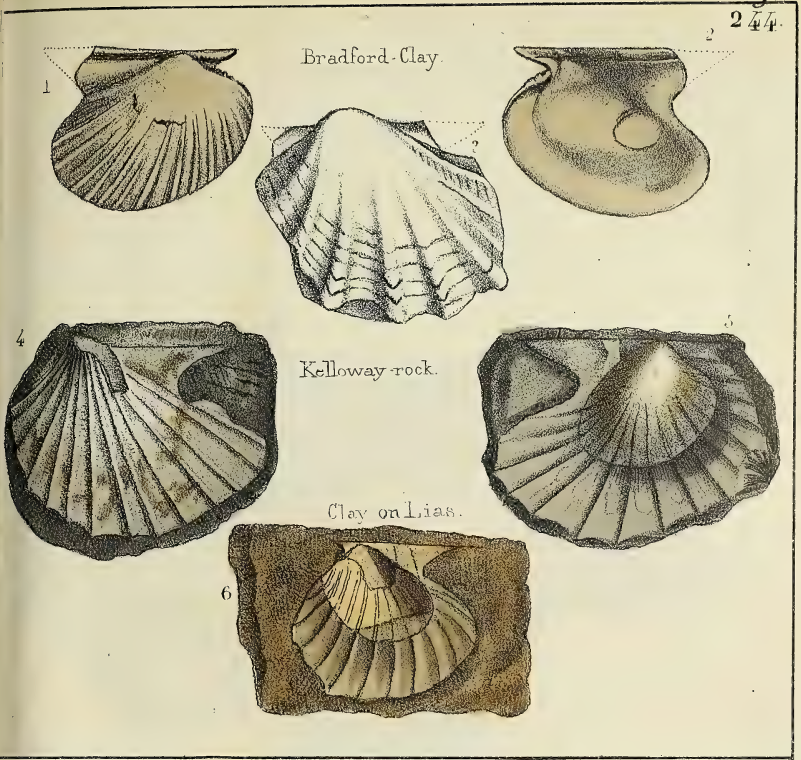
Tab. 240. Fig. 1-5 Turbo ornatus. Mill.- Fig. 6.7. Turbo. carinatus. Sow.-
Fig. 8.-10. Turbo muricatus. Sow.
Tab. 241. Fig. 1.2.3 Melania fasciata. Sow.- Fig. 4.5.6 Melania costata. Sow.-
Fig. 7.8. Mel. minima. Sow.- Fig. 9.10 Mel. truncata Sow.

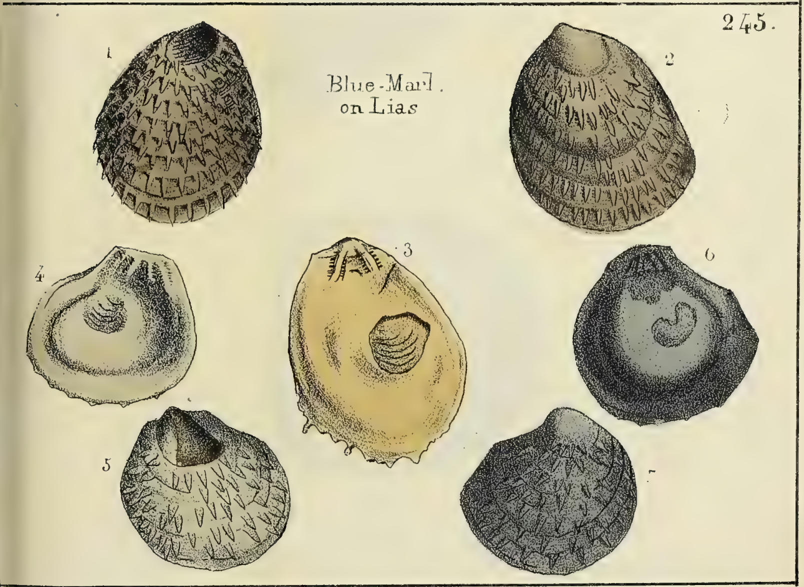
242.





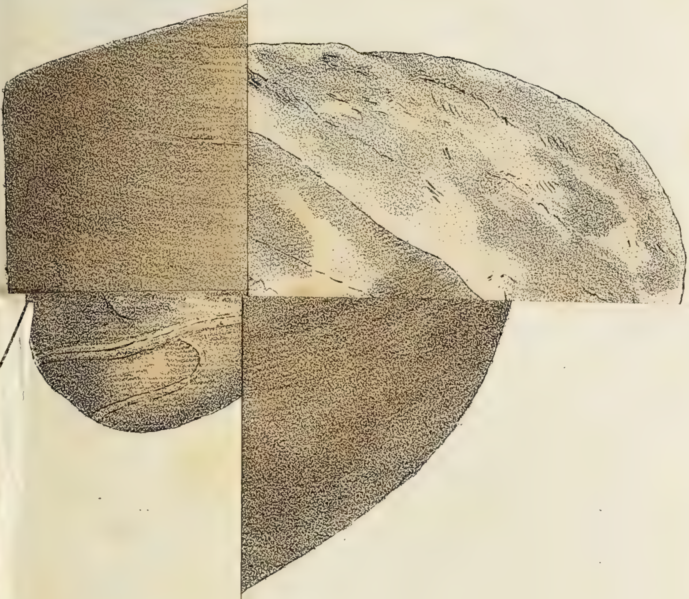
Tab. 242. Fig. 1-4. Ammonites. Lamberti. Sow- Fig. 5. Am. Leachi. Sow-
Fig. 6.7 Am. omphaloides. Sow.
Tab. 243. Avicula echinata. Smith.





Tab. 244. Fig. 1-3 Avicula costata Smith.- Fig. 4.5.6. Avic. inequivalvis. Sow.
Tab. 245. Plicatula spinosa. Sow.

1



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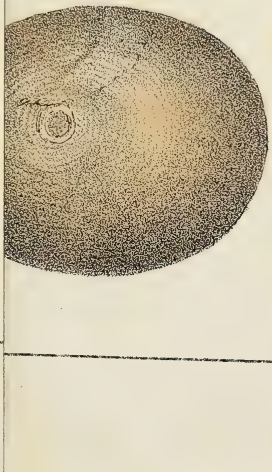
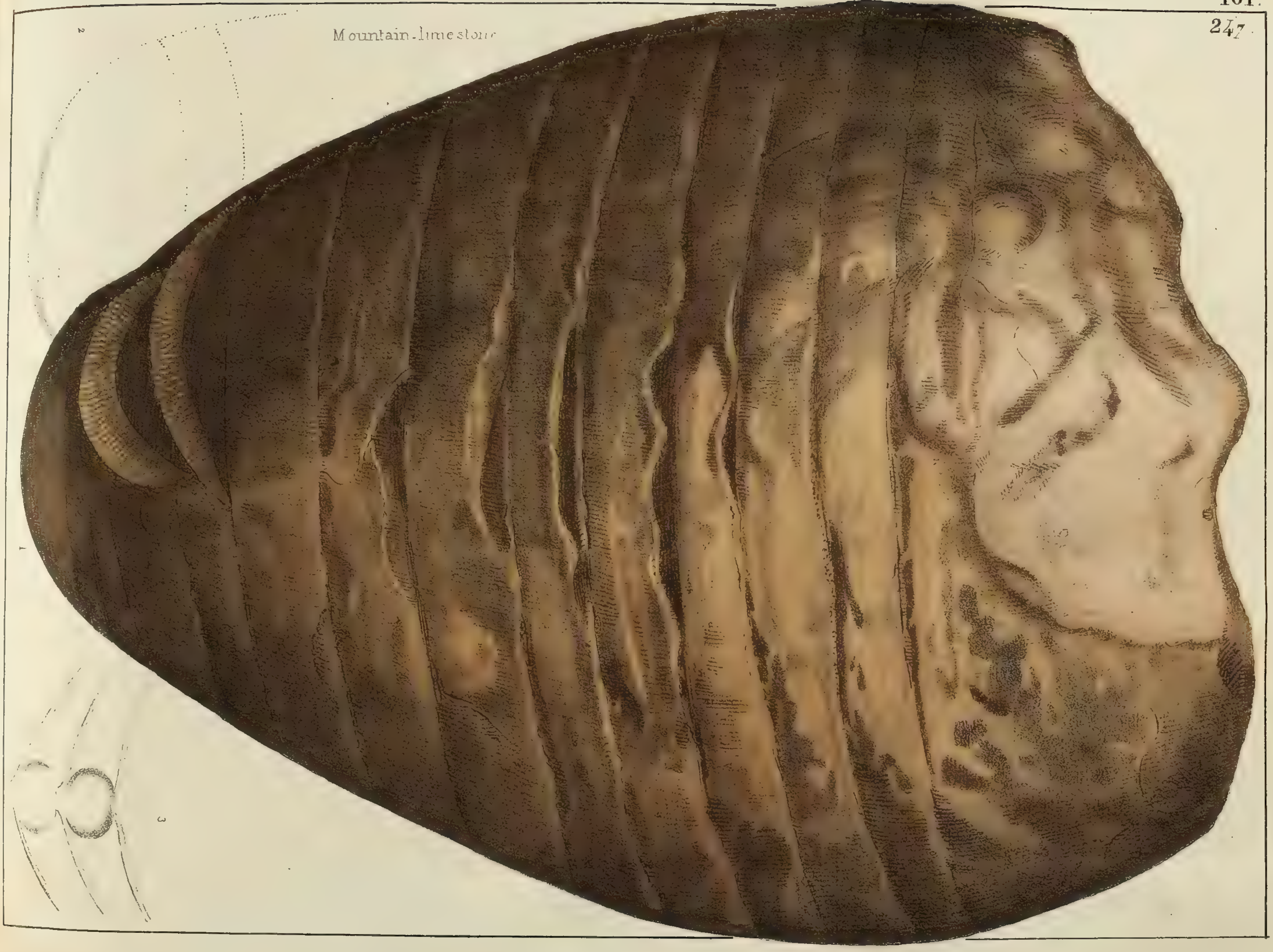


Mountain-
3
4
5



Orthocera cordiformis. Sow.

Fig. 1. 2. Modiola plicata Sow.- Fig. 3 Mod. scalprum. Sow.-

rculatus. Sow-

Fig. 1 Nautilus pentagonus Sow.- Fig. 2.3 Naut. bilobatus Sow.- Fig. 4 Naut. tuberculatus. Sow.-

Hippopodium ponderosum. Sow.-

Portland-rock

Modiola aliformis Sow.-

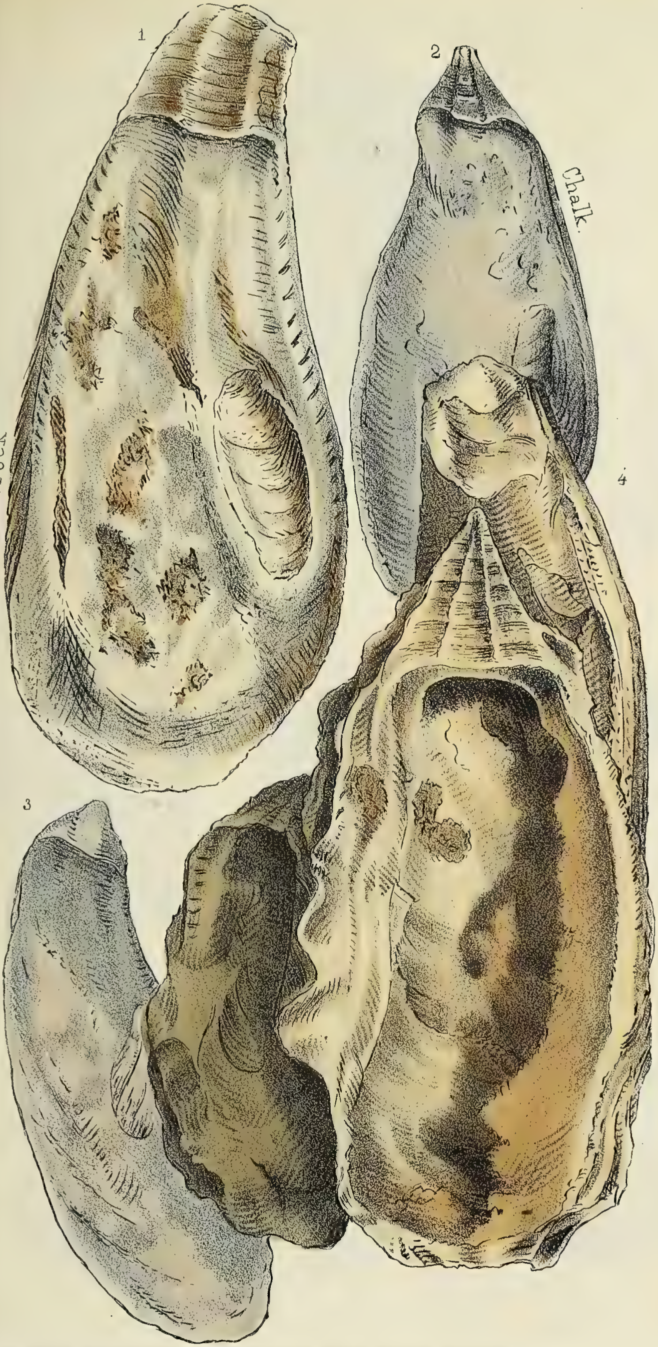
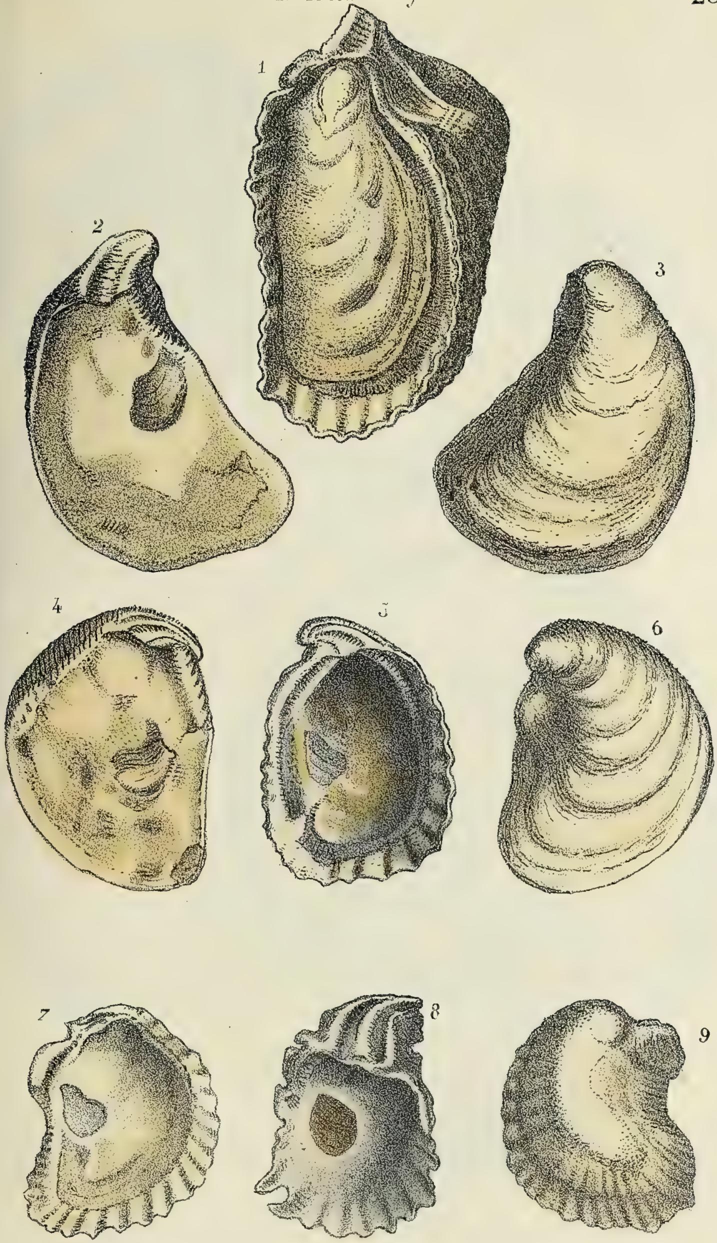


Fig. 1. 4 Ostrea Meadi Sow.-Fig. 2. 3. Ostrea tener. Sow.

London-Clay.

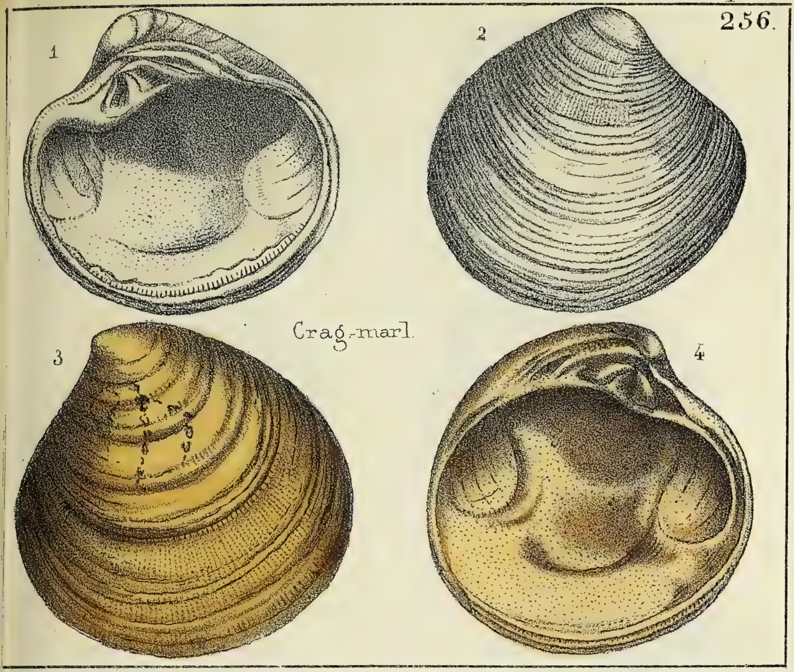


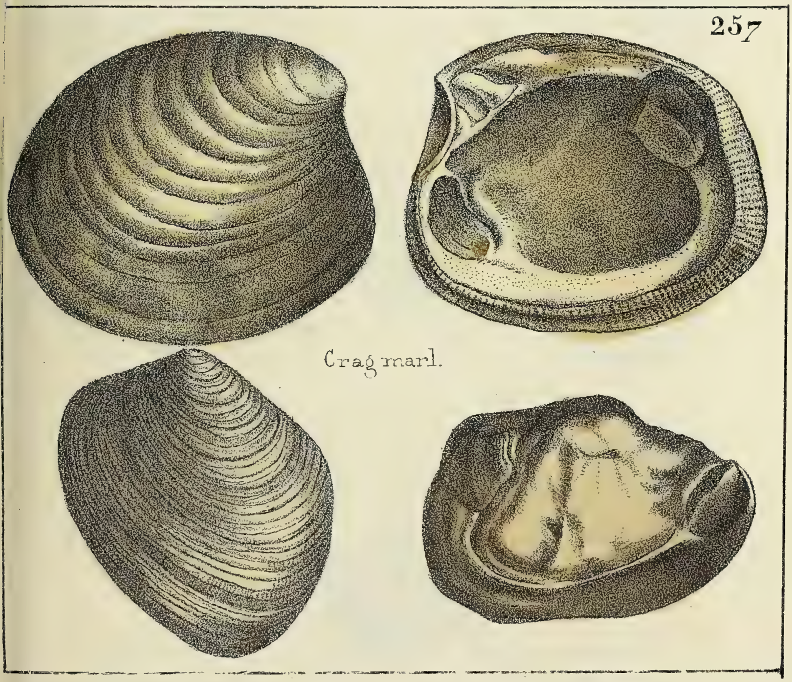
Ostrea flabellula Lam.

Fig.1.3 Ammonites Strangewaysii Sow.- Fig.2 Ammonites falcifer. Sow.

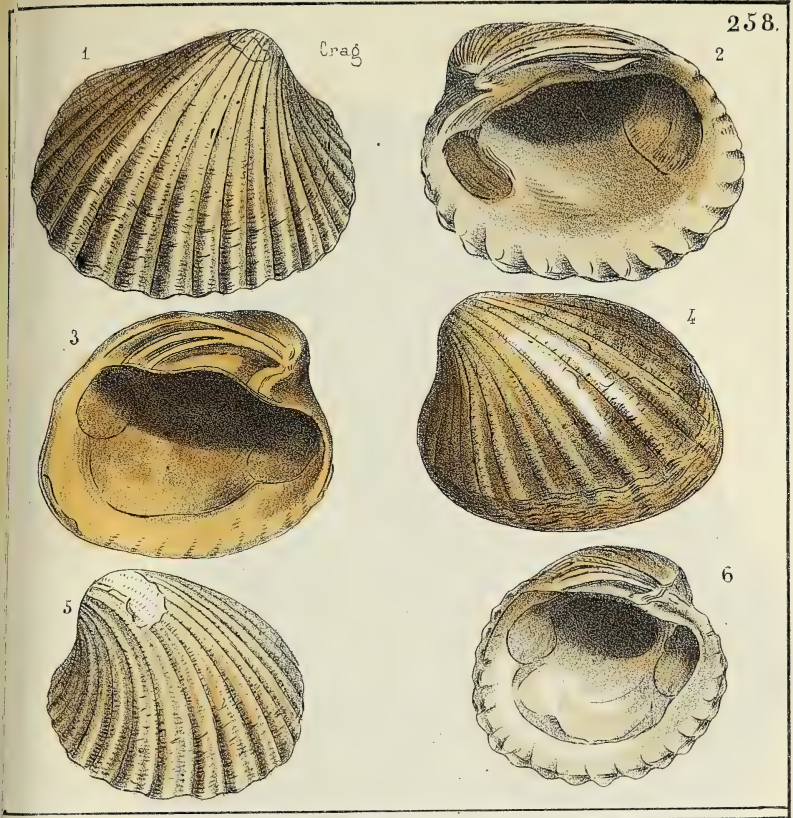
Greensand.

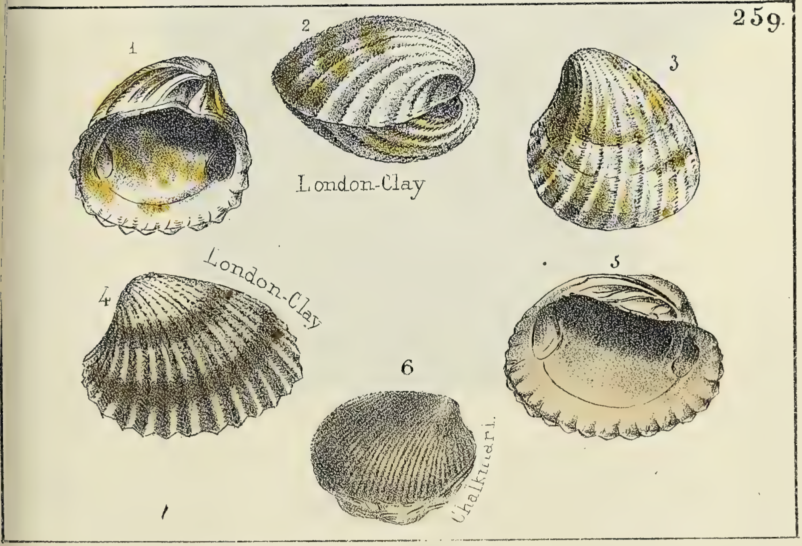
Ammonites Goodhalli. Sow.-





Tab.256. Venus turgida. Sow.- Tab. 257. Astarte planata. Sow.-





Tab. 258 Venericardia senilis Sow.-
Tab. 259 Fig. 1.2.3. Venericardia deltoidea Sow.-Fig. 4.5 Vener. carinata Sow.-

1

nplanatus Sow.-

260

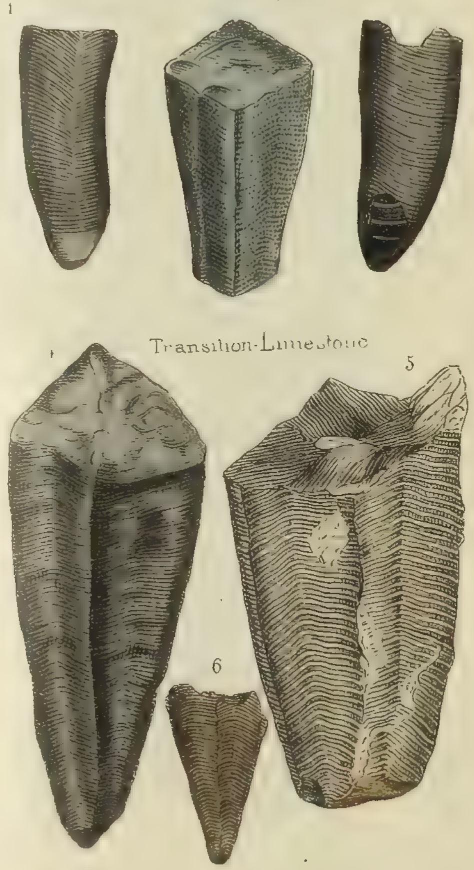


Fig.1.2 Conularia teres. Sow.-
Fig.3.4.5.6. Conul. quadrisulcata. Mill.

261.

Nautilus complanatus Sow.-

Transition-Limestone

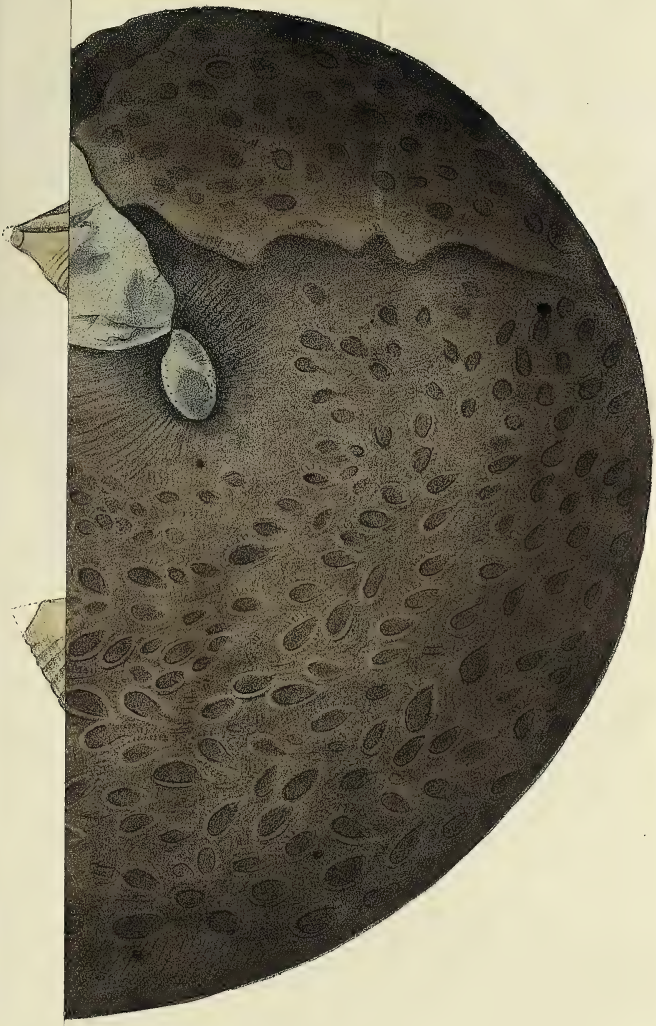
Ammonites Henslowi Sow.

Fig. 1.2.3. Ammonites Koenigii Sow.- Fig. 4.5. Am. Browni Sow.-

Clunch-Clay.

Lima proboscidea Sow.

Alum- shale

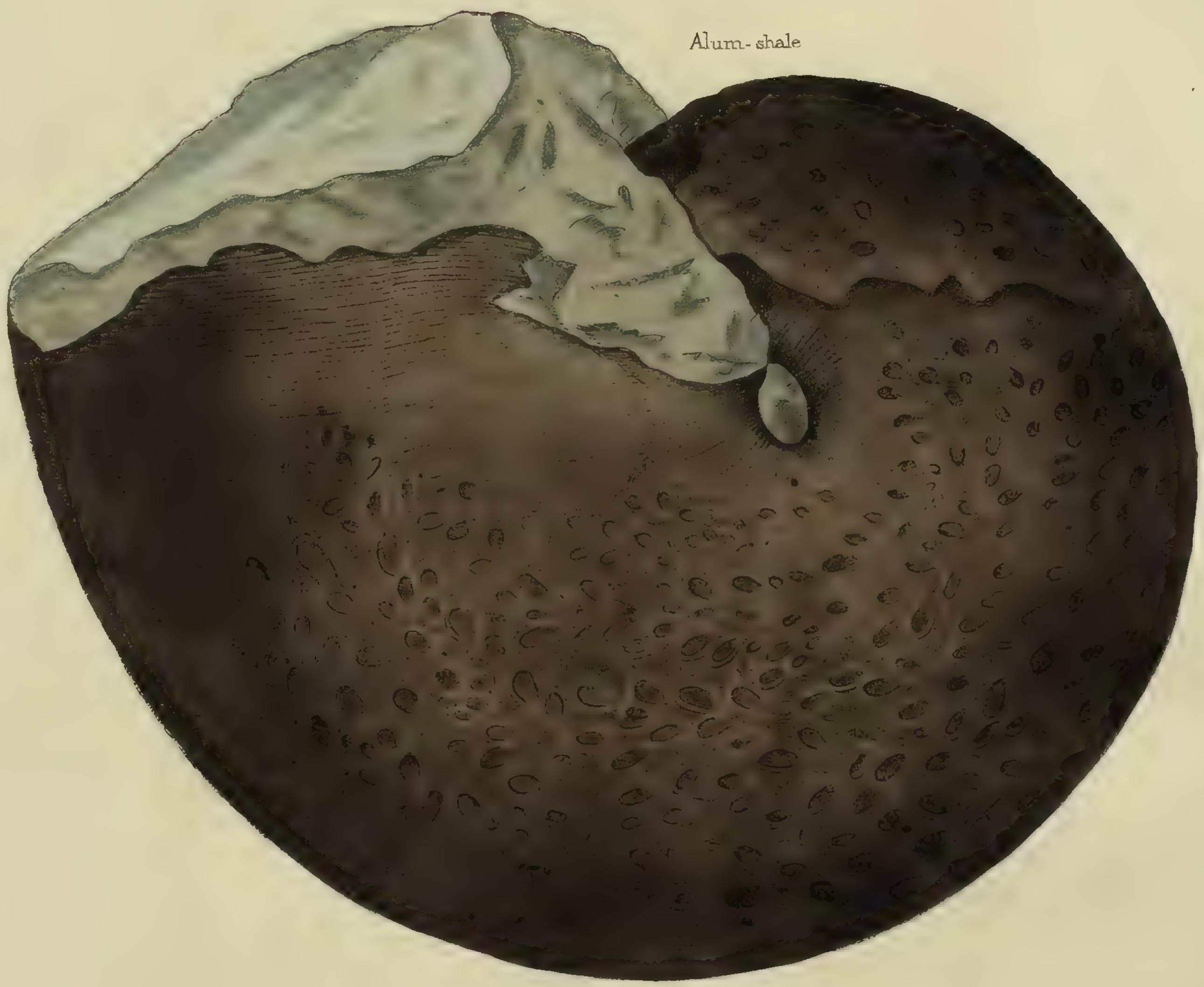


llus Sow.-

176.
265

Spirifer trigonalis Sow.

177.
266.



Ammonites heterophyllus Sow.

267.

268.

Mountain-Limestone.

Spirifer oblatus Sow

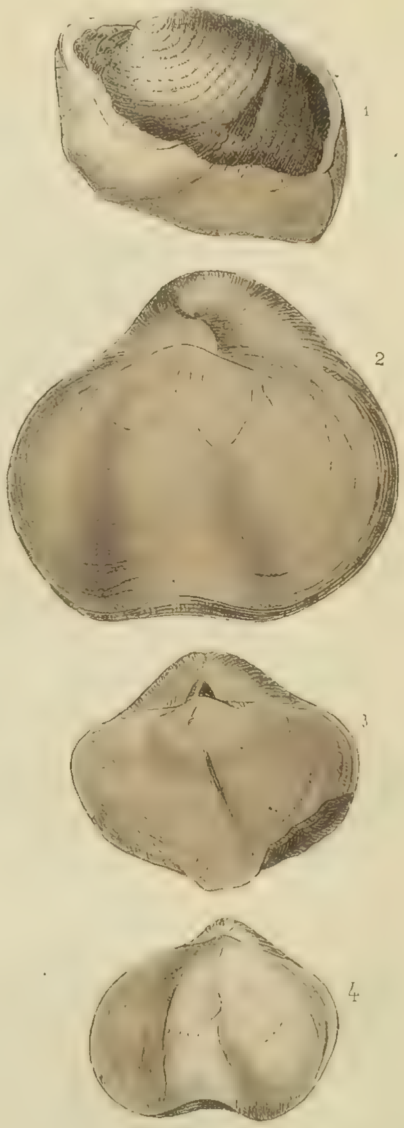
267.

Inferior Oolite.

Ammonites Birchi. Sow.

268.

Mountain-Limestone



Spirifer oblatus Sow

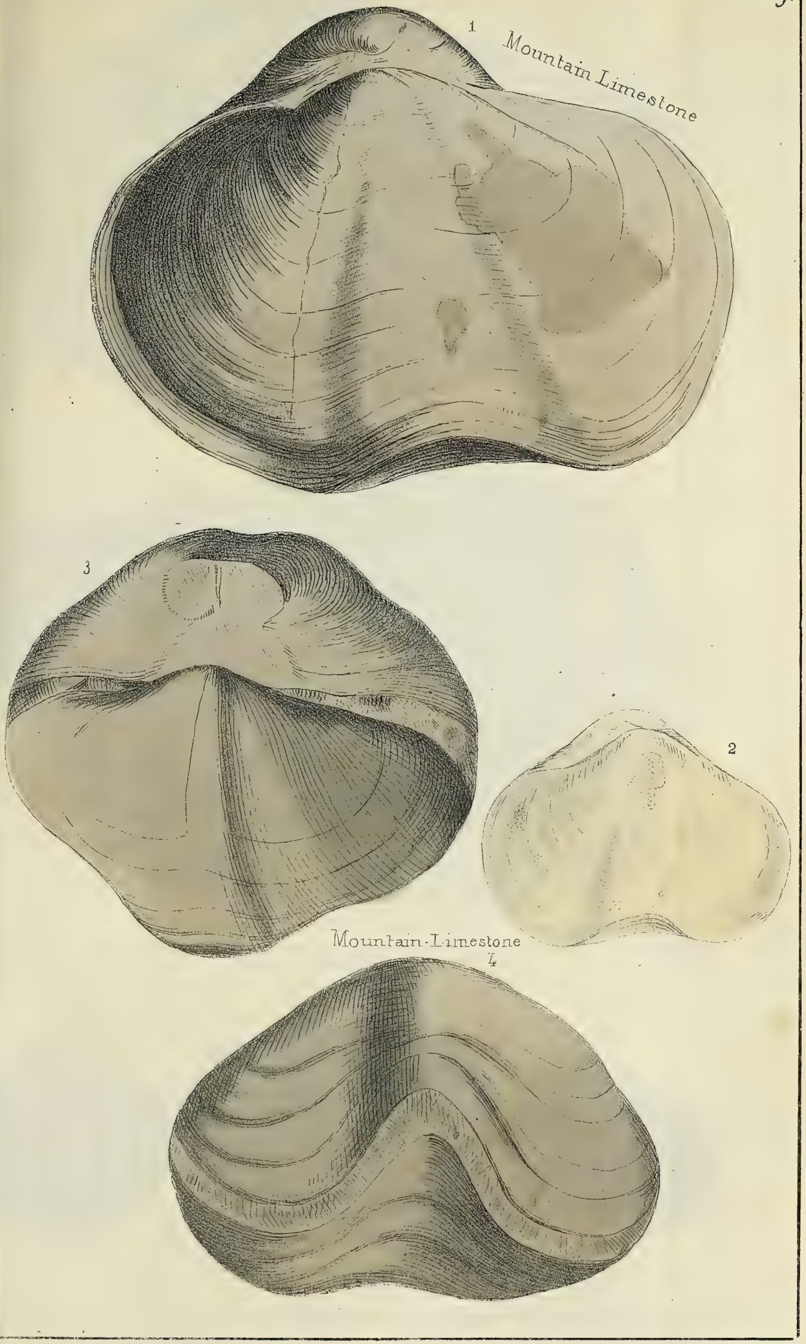
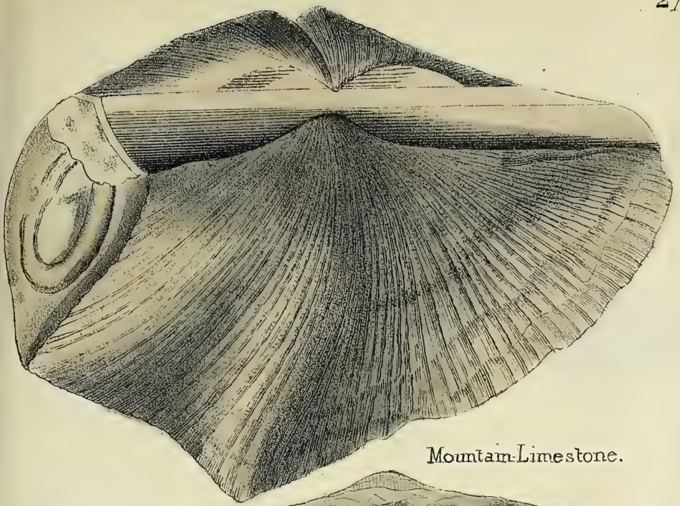


Fig. 1.2 Spirifer glaber Sow - Fig. 3.4. Spirifer obtusus. Sow.

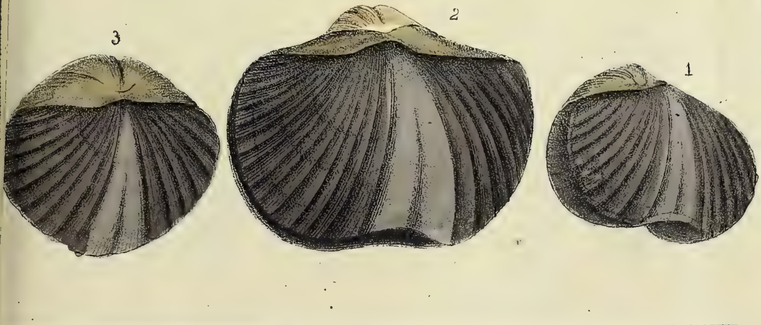
270



Mountain-Limestone.

Mountain-Limestone.

271



Tab. 270 Spirifer striatus Sow. Tab. 271. Spirifer pinguis Sow.

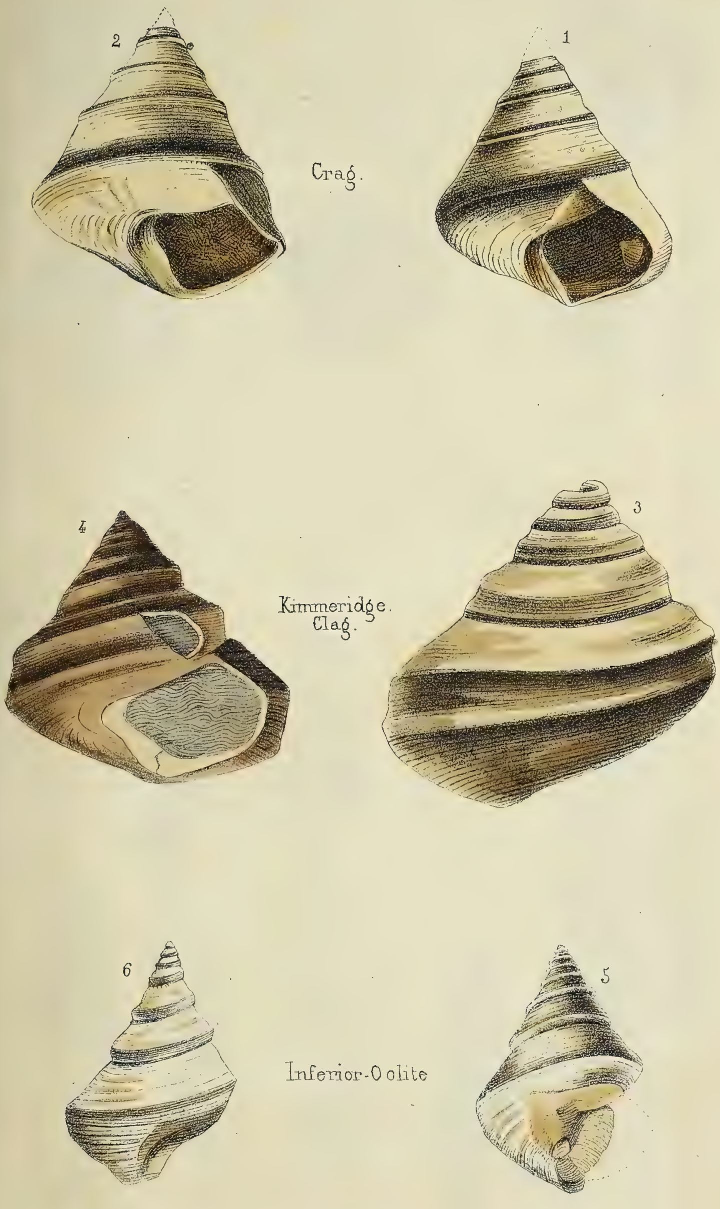
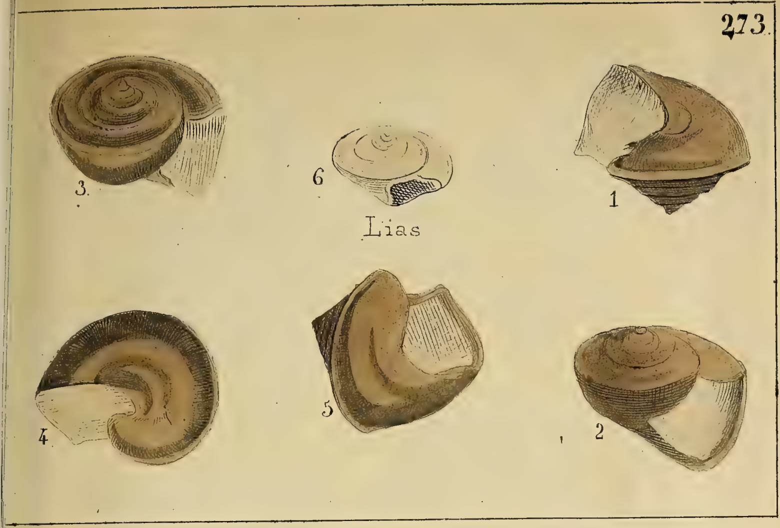
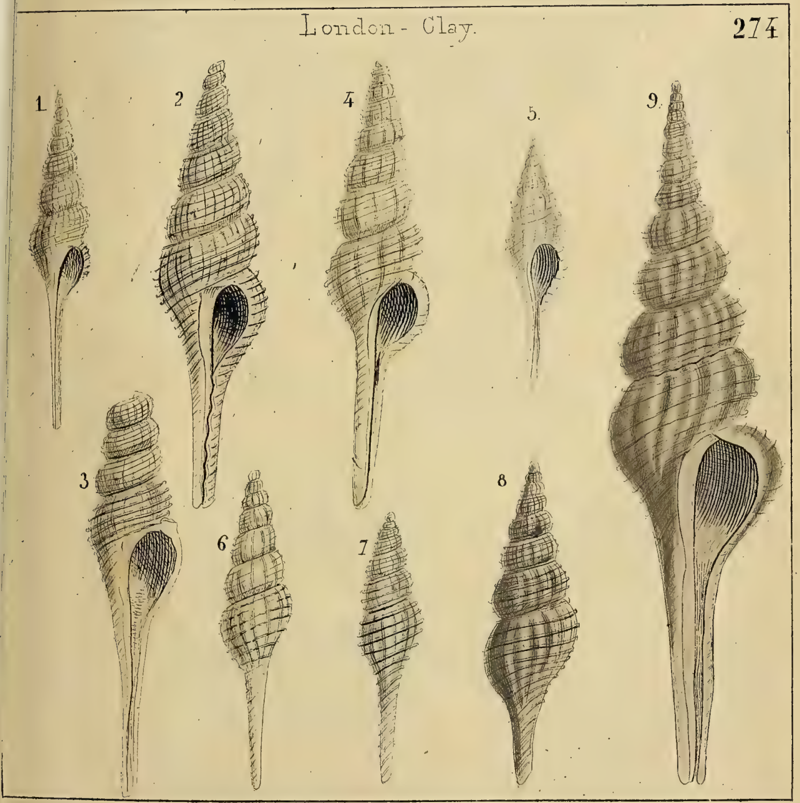


Fig.1.2. Trochus concavus. Sow.- Fig.3.4. Troch. reticulatus. Sow.-
Fig.5.6. Troch. imbricatus Sow.-.

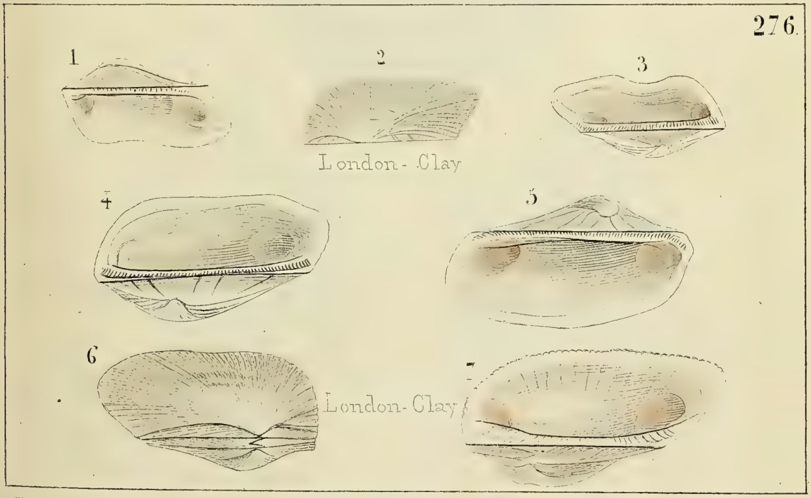




Tab. 273 Fig 1-5 Helicina expansa Sow.
Fig. 6. Helic. solanoïdes Sow. Tab. 274. Fig. 1,2,3. Fusus acuminatus Sow.
Fig. 4,5,6,7. Fusus asper Sow. Fig. 8.9. Fusus rugosus Lam.

275.

276.



Tab. 275. Fig 1-5 Mytilus Antiquorum Sow.-Fig 6-7. Mytilus aliformis Sow.
Tab. 276. Fig 1-5 Arca Branderi Sow.-Fig. 6.7. Arca appendiculata Sow.

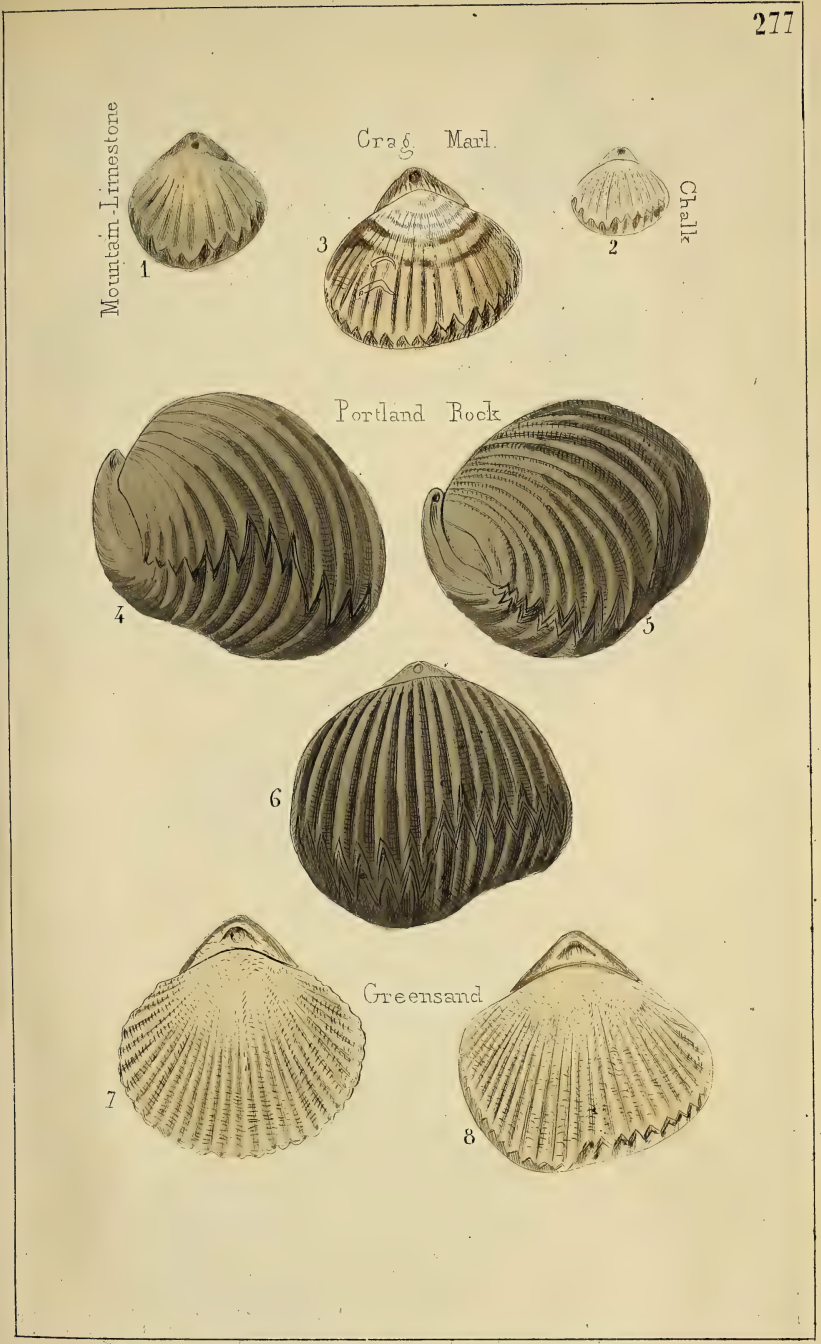
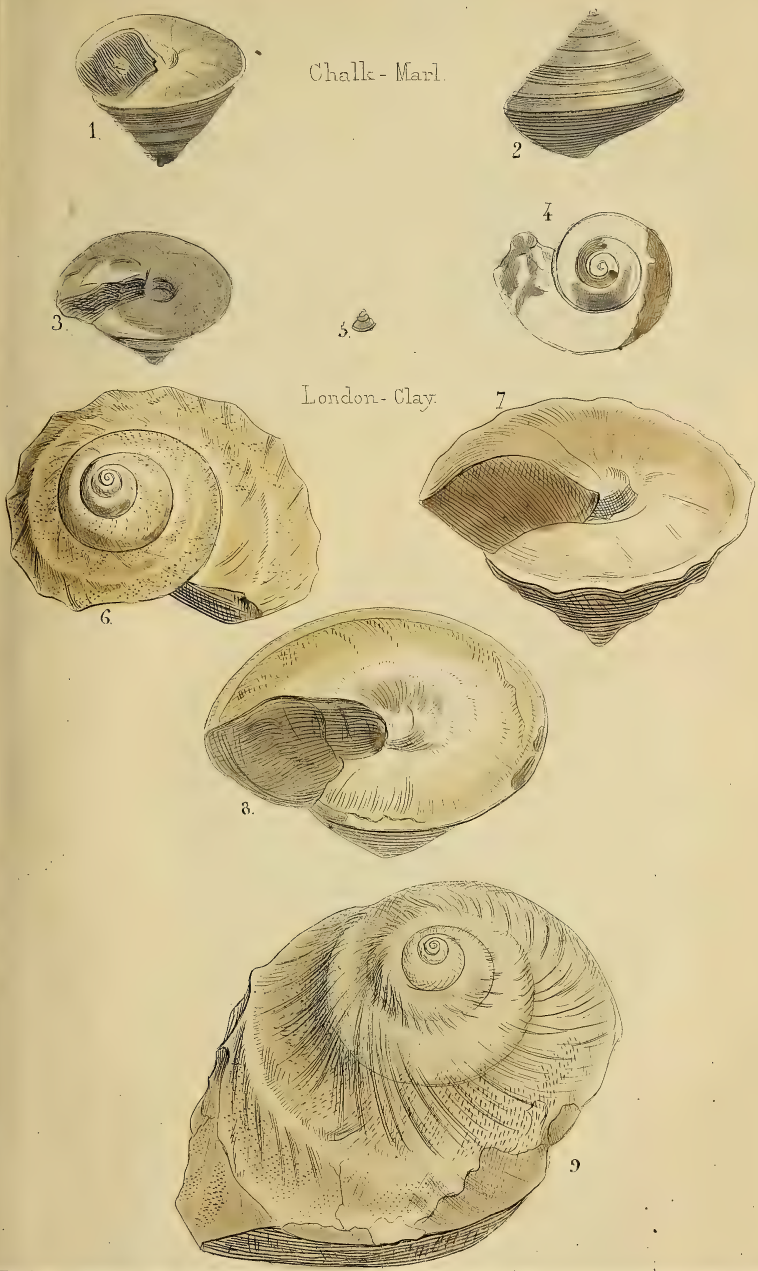
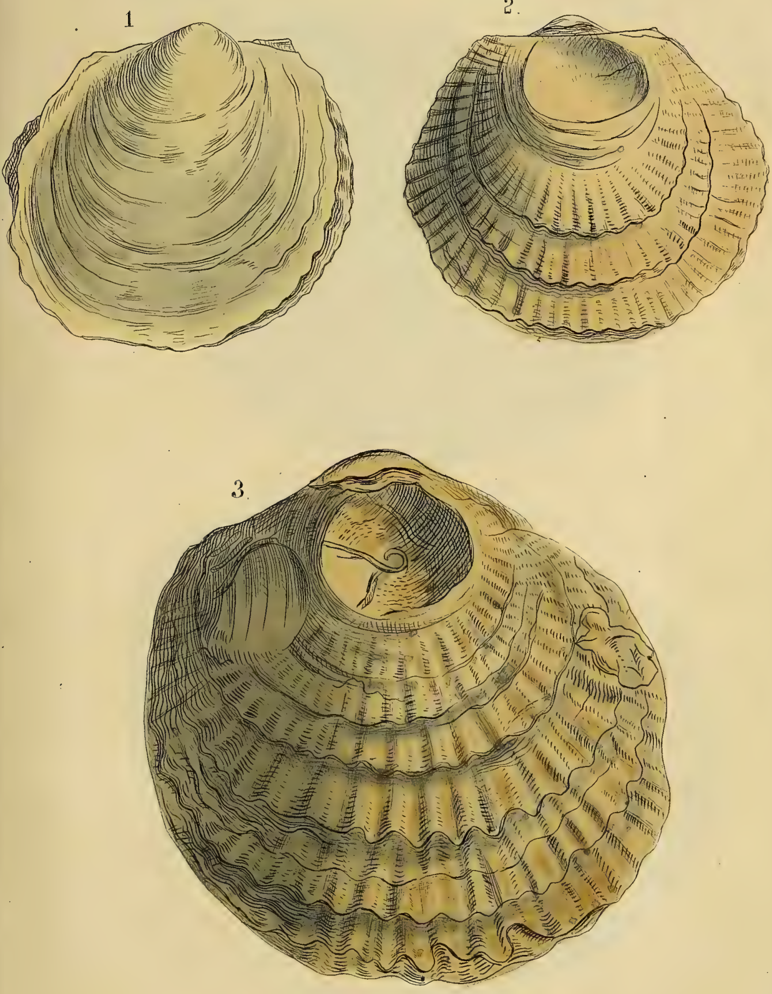


Fig. 1. Terebratula Mantiae. Fig. 2. Tereb. obliqua Sow.
F. 3 6 Tereb. inconstans Sow. Fig. 7. 8. Tereb. dimidiata Sow.

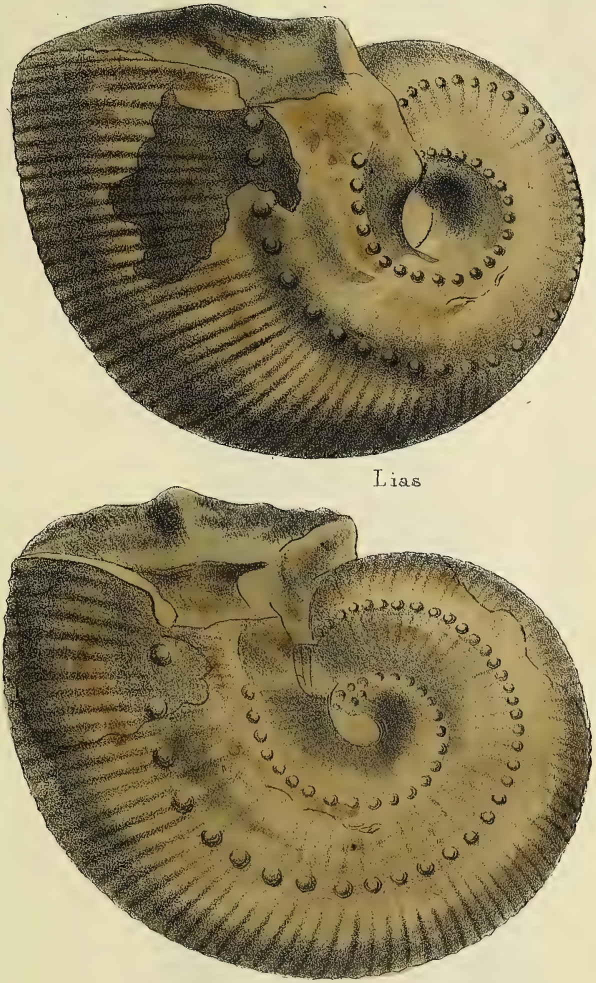
278.



Tab. 278 Fig. 1. 2. Trochus Gibbsi Sow. Fig. 3–9. Troch. extensus Sow.



Ostrea pulchra. Sow.

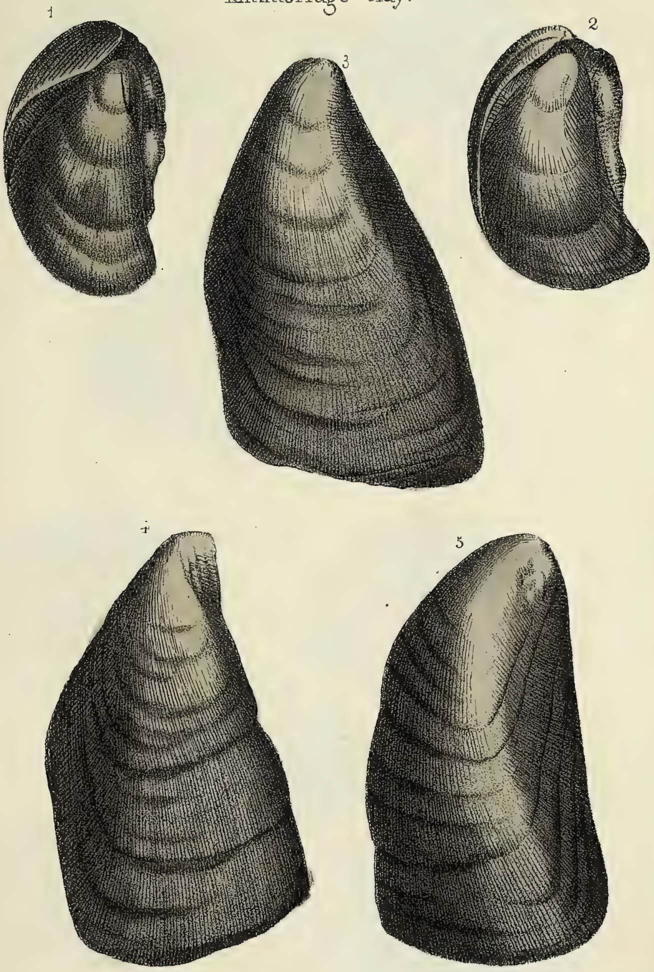


Ammonites Bechei. Sow.

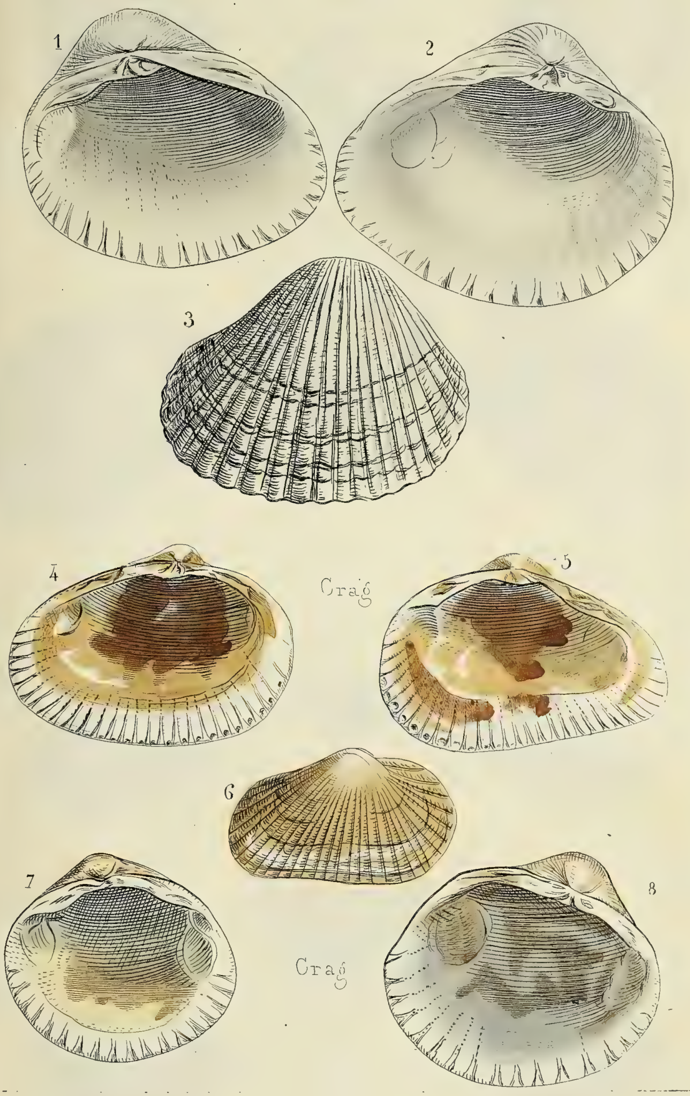
281.

Pinna lanceolata Sow.

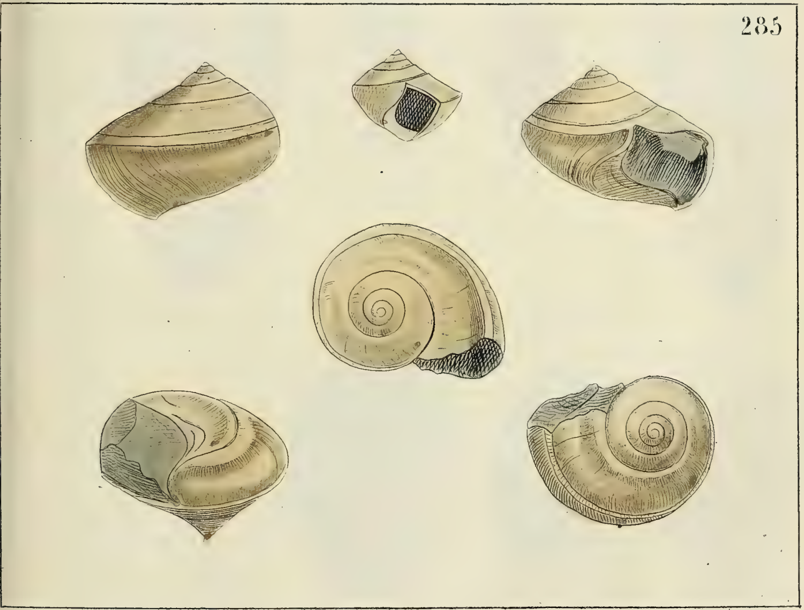
Kimmeridge-Clay.



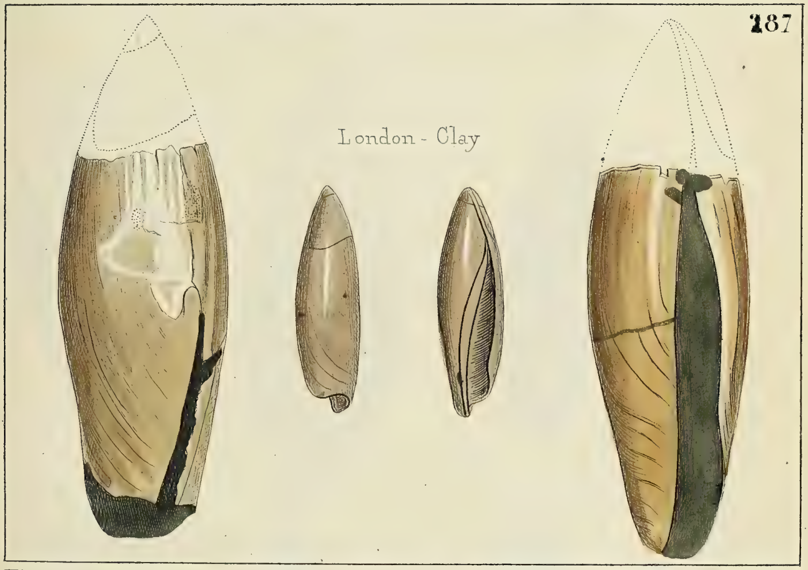
Mytilus pectinatus. Sow.

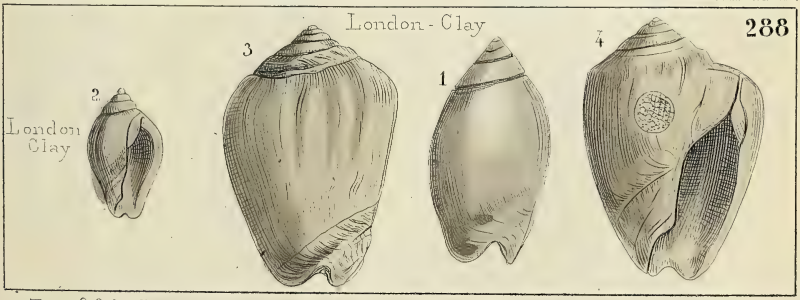


Tab. 283 Fig. 1-3 Cardium edule. Fig. 4.5.6. Card. angustatum Sow
Fig 7. 8. Card. edulinum

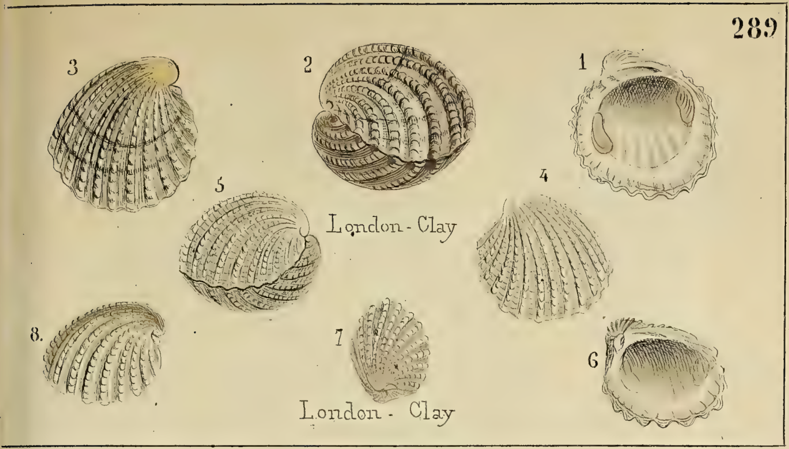


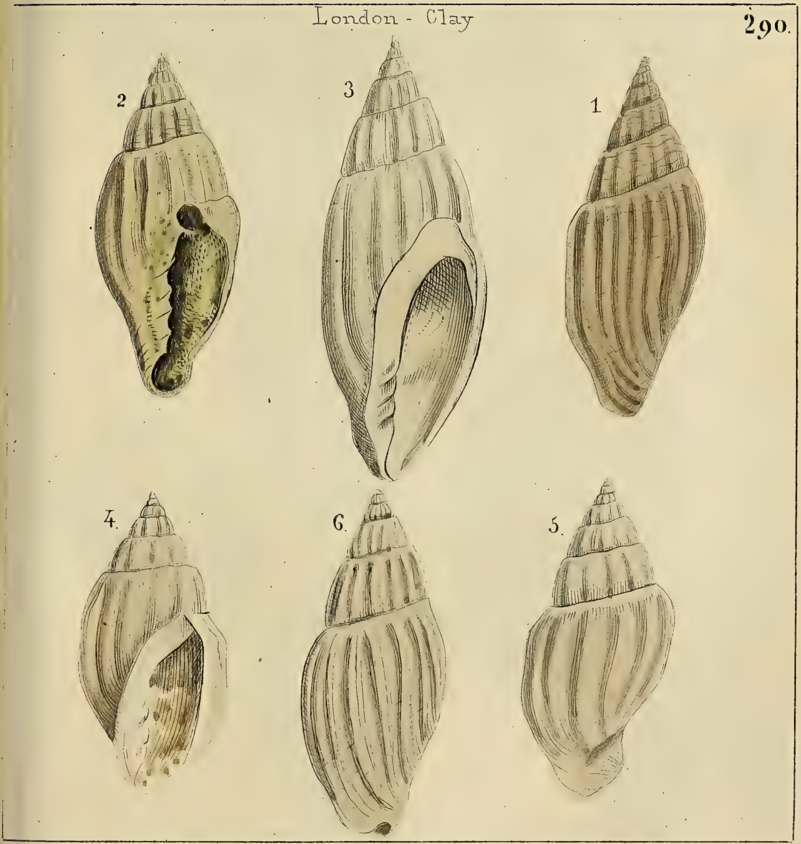
Tab. 284. Fig. 1. 2. 3. Ampullaria acuta Lam. - Fig. 4. 5. Amp. patula Lam.
Fig. 6. 7. Amp. sigaretina Lam. - Tab. 285. Helicina polita Sow.





Tab. 286 Seraphs convolutus Montf.-Tab. 287. Terebellum fusiforme Lam
Tab. 288 Fig. 1. Oliva Branderi Sow. - Fig. 2. 3. 4 Oliva Salisburiana Sow.





Tab 289. Fig. 1-5. Venericardia globosa Sow. -Fig. 6-8. Vener oblonga Sow
Tab. 290. Fig. 1-5. Voluta costata Brand. - Fig. 6. Vol. Magorum Brocch.

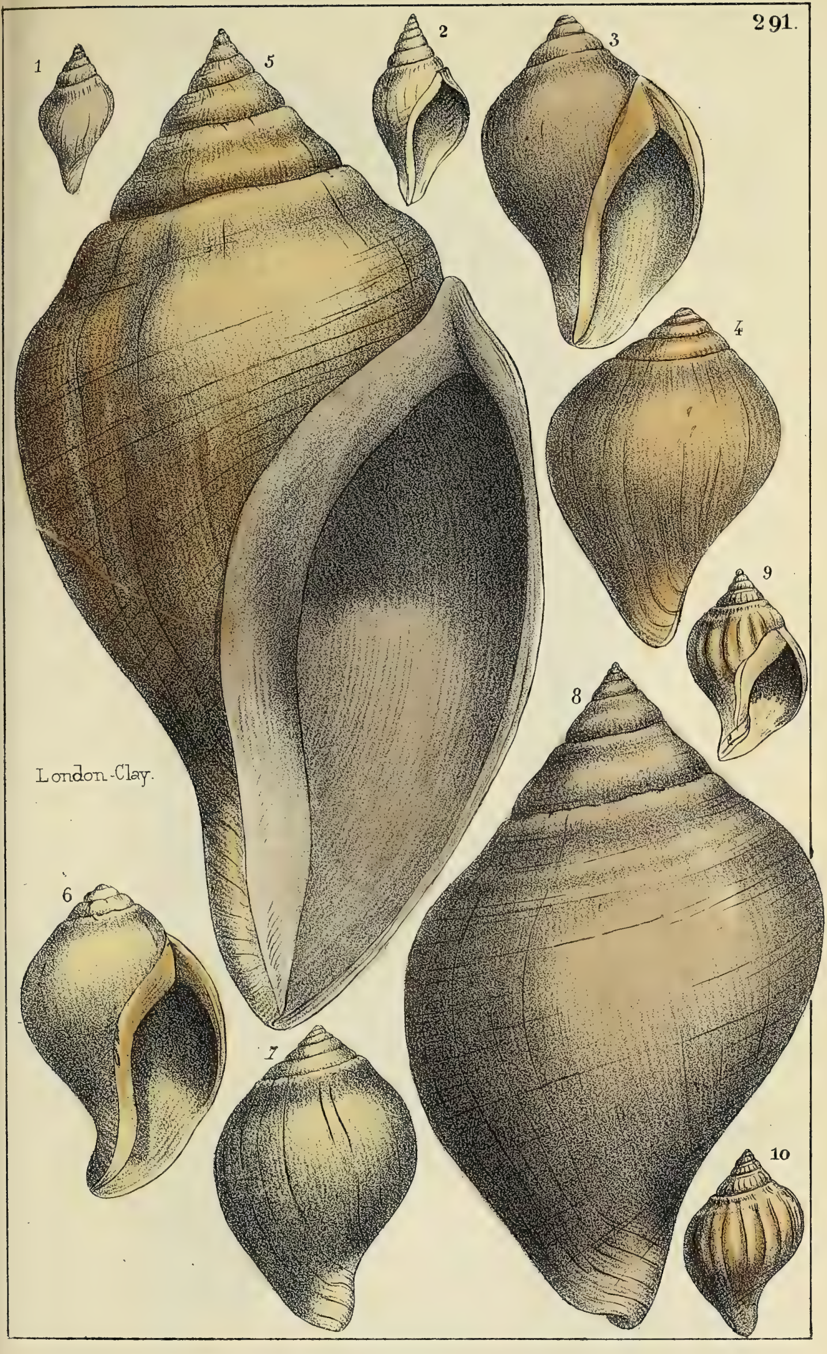
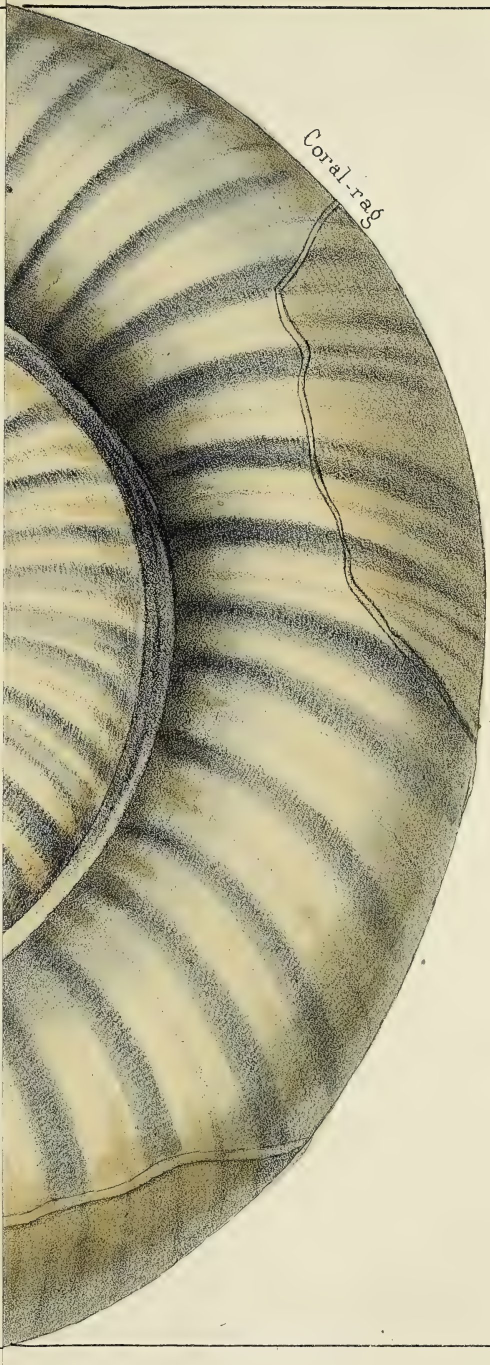


Fig. 1-8. Fusus bulbiformis. Lam.
Fig. 9. 10. Fusus ficulneus. Sow.

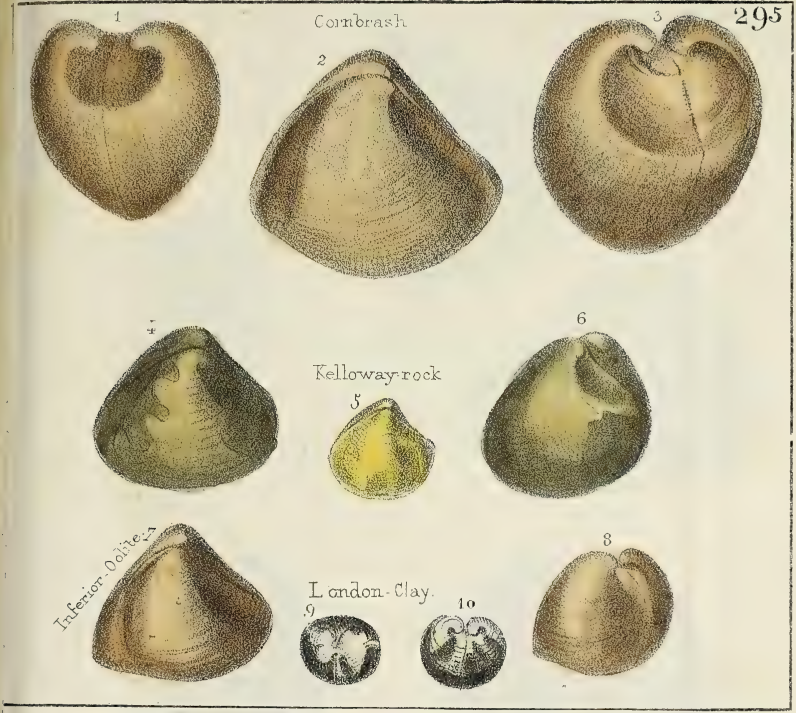

Coral-rag

Ammonites trifidus Sow.

Tab. 294. Ammonites decipiens Sow.

Tab 293 Fig 1 2 Ammonites biplex - Fig. 3 Am. rotundus. Sow - Fig. 4 Am. trifidus Sow

Tab. 294. Ammonites decipiens Sow.



Tab. 295. Fig. 1.2.3. Isocardia minima Sow.-Fig. 4.5.6. Is. tener. Sow.-
Fig. 7.8. Is. rostrata Sow.-Fig. 9.10. Is. sulcata. Sow.
Tab. 296. Venus varicosa Sow.

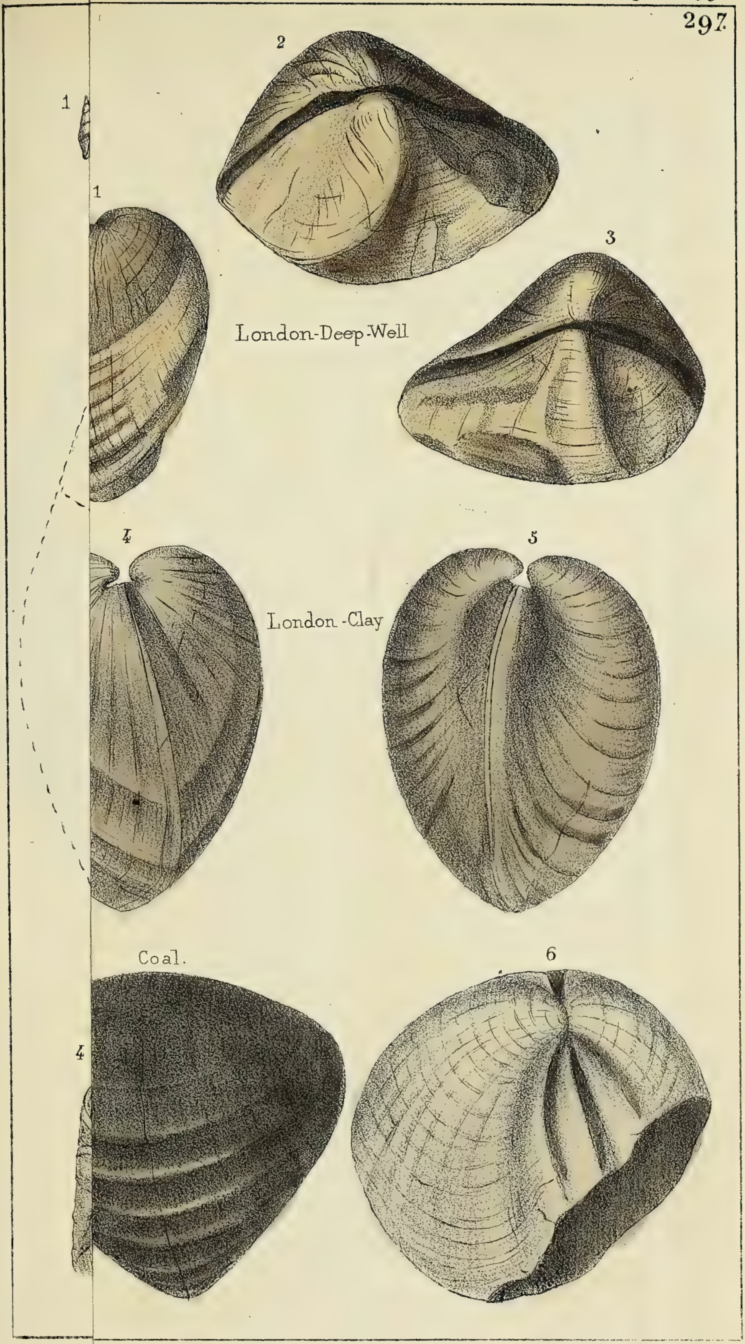
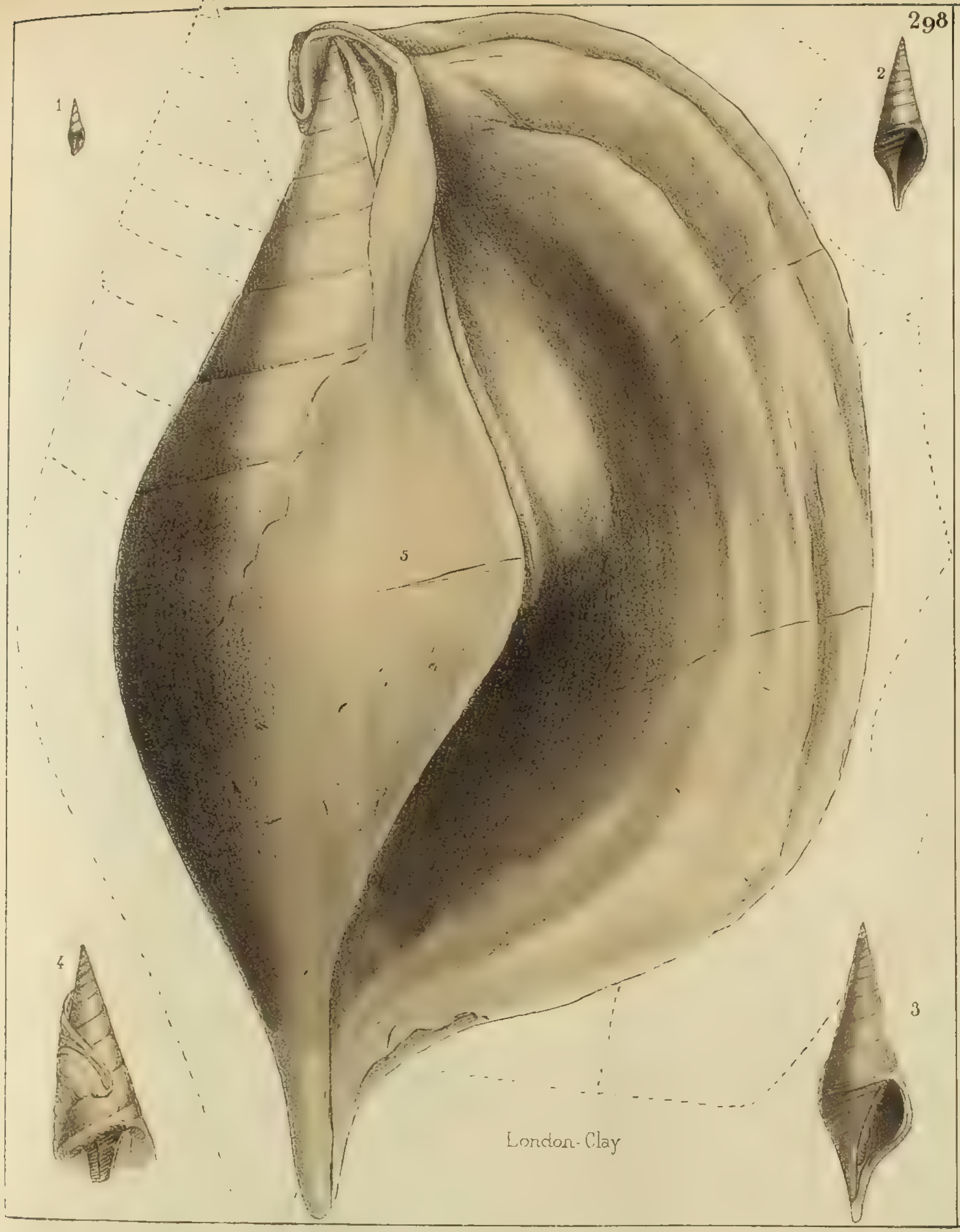


Fig. 1. 6 Cardita margaritacea. Sow.



Tab. 298 Rostellaria macroptera Lam.

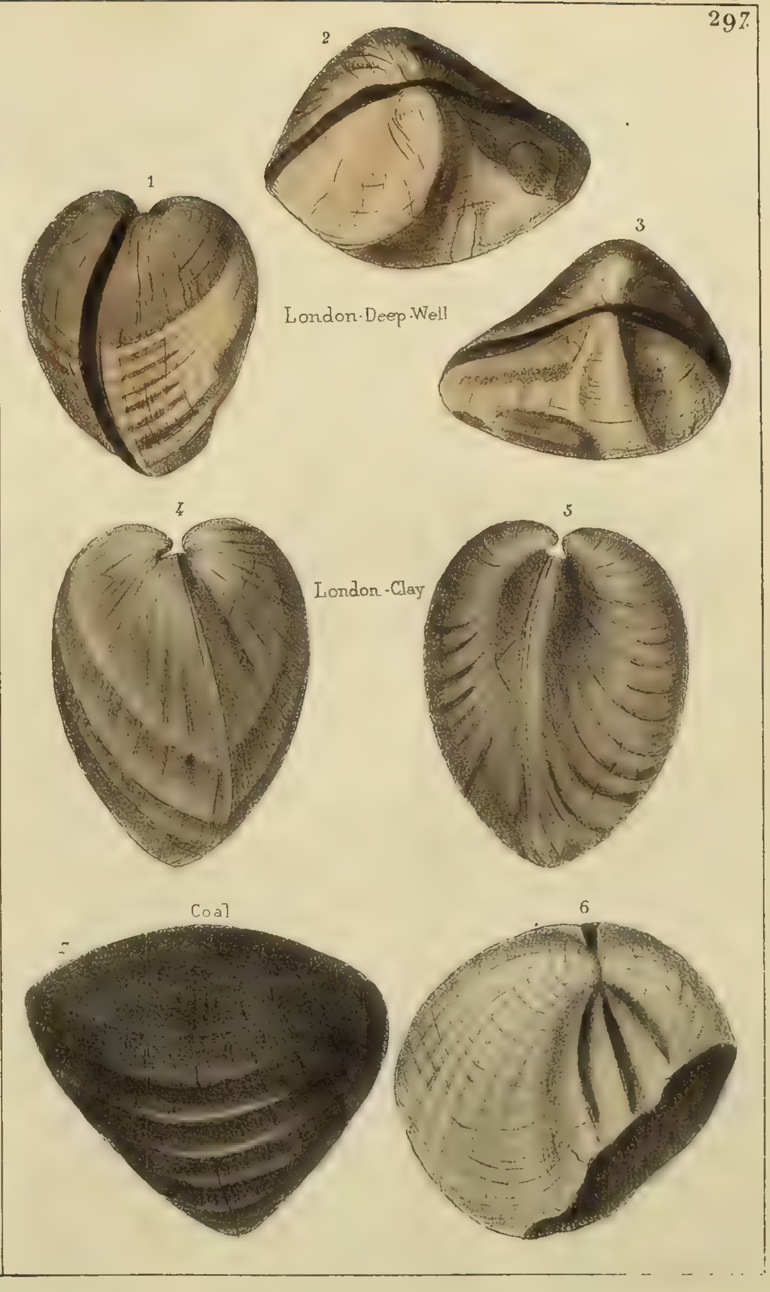
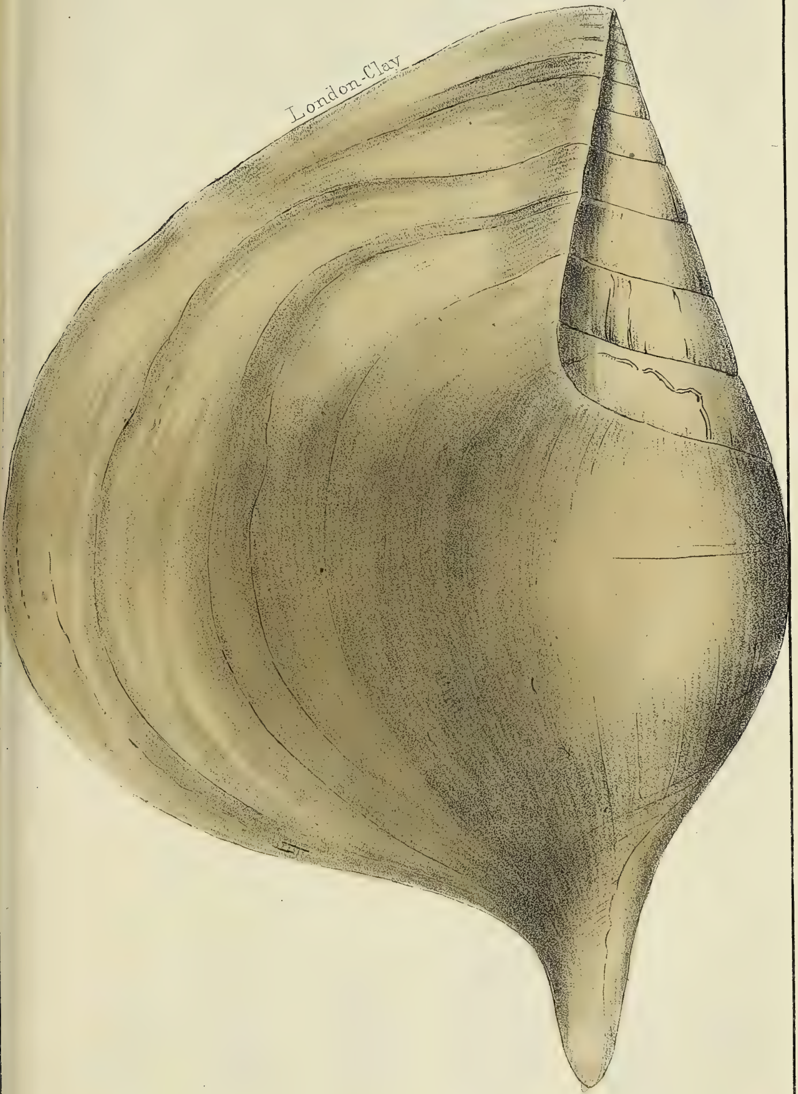


Fig. 1. 6 Cardita margaritacca. Sow

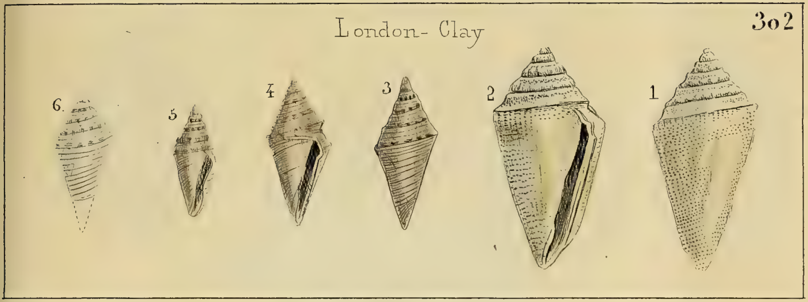
200.

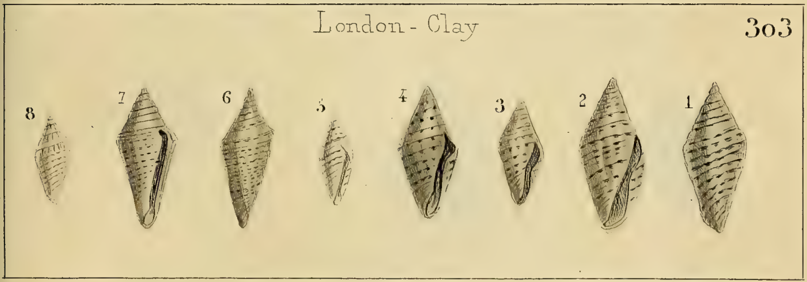
Rostellaria macroptera Lam.

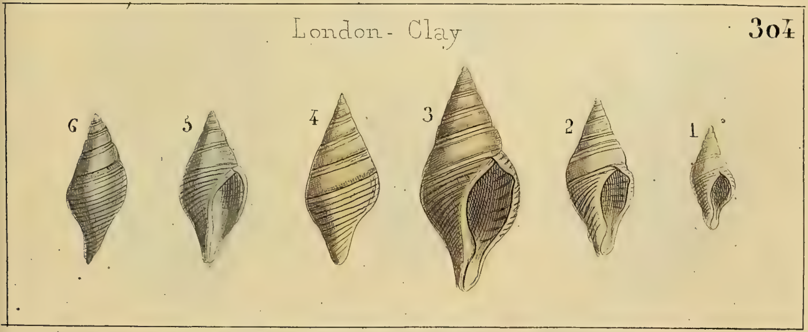
300.



Rostellaria macroptera. Lam.

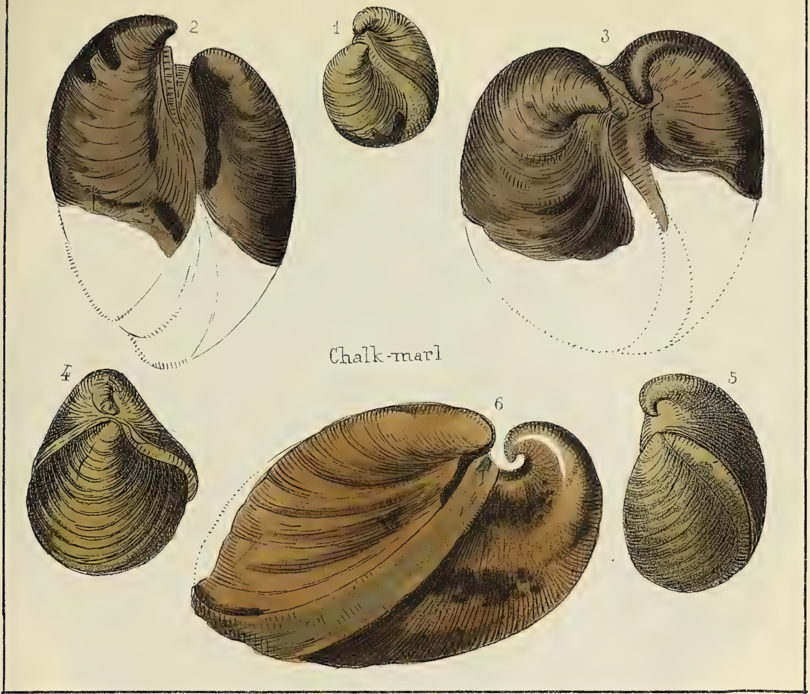






Tab. 301 Conus dormitor Brand.
Tab. 302. Fig. 1, 2 Conus.... Fig. 3 4. 5. 6. Conus concinnus Sow.
Tab 303. Conus scabriculus Brand
Tab. 304 Murex interruptus Pilkington.

305.



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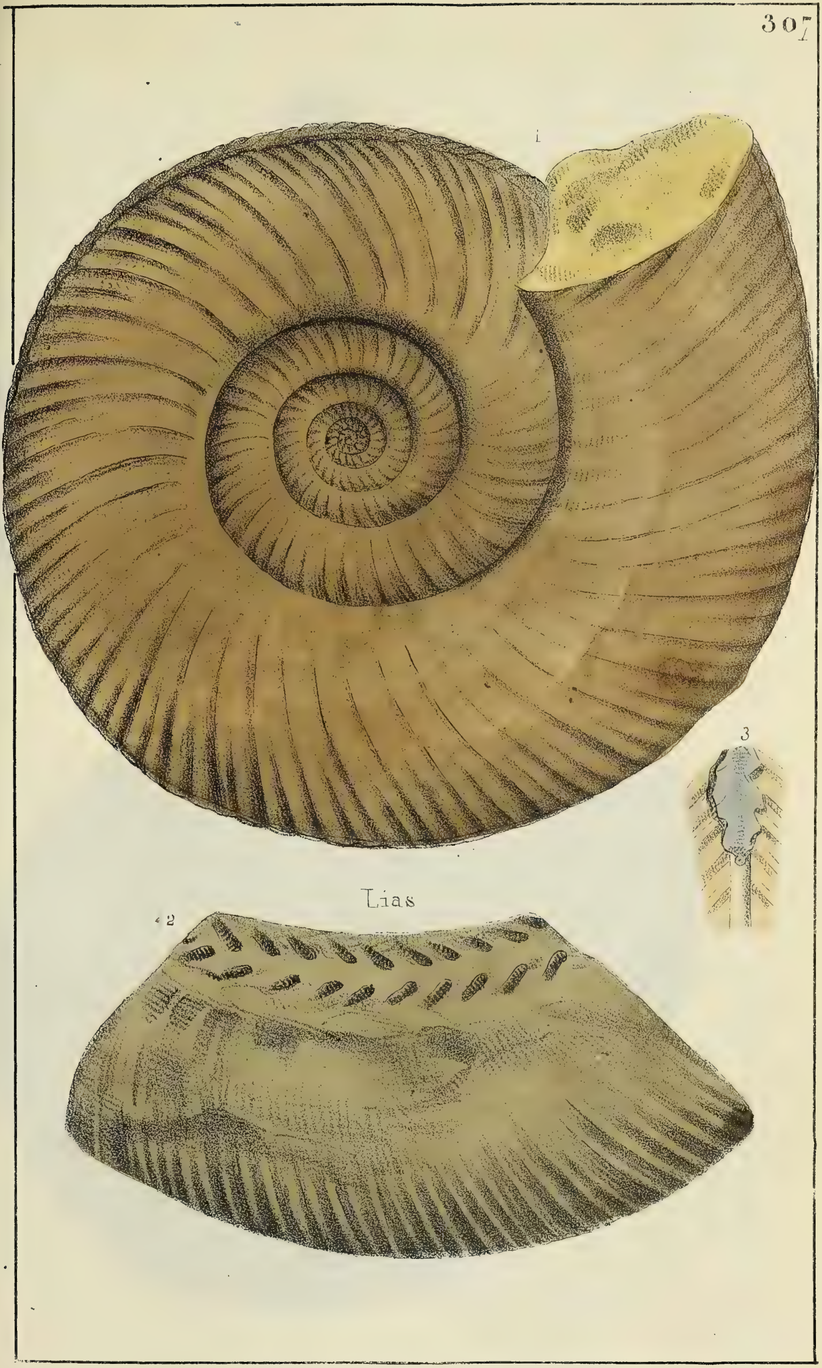
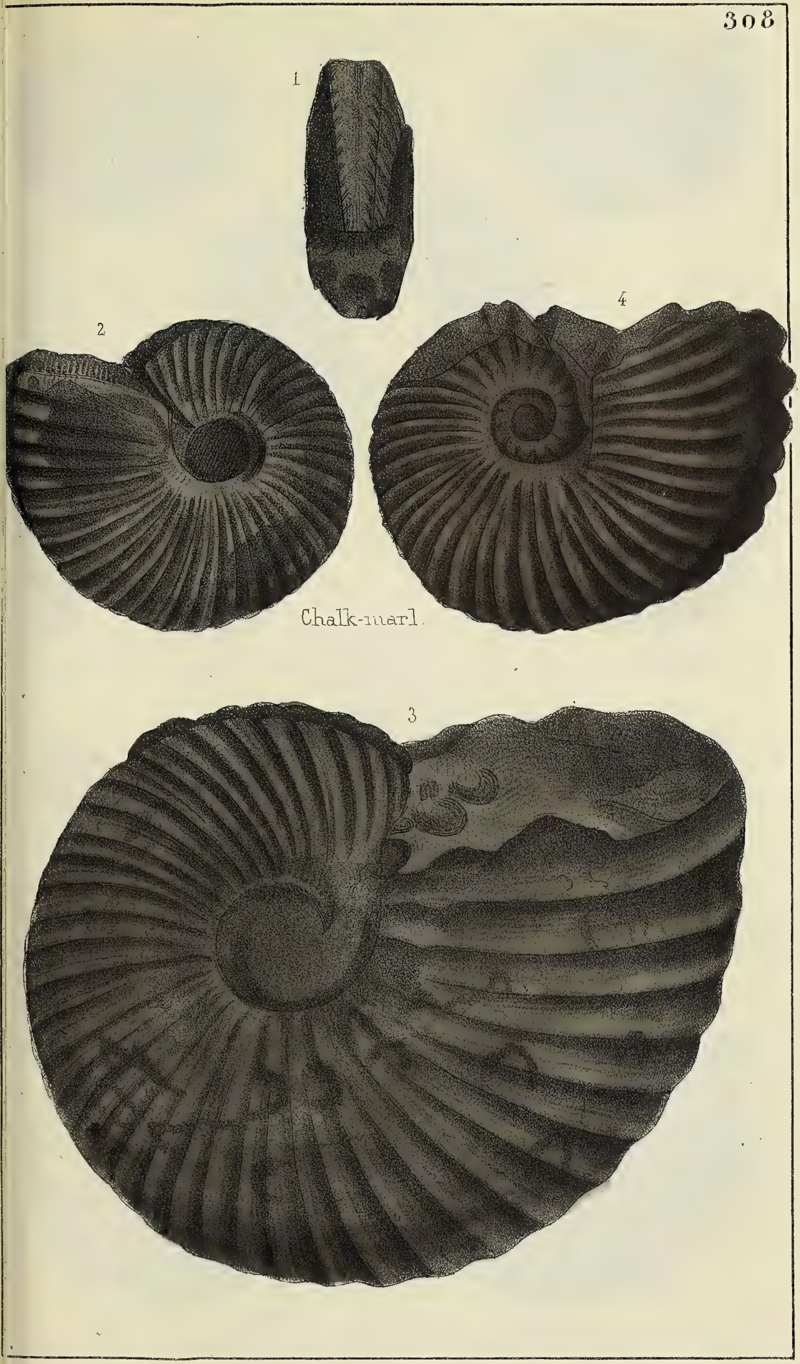
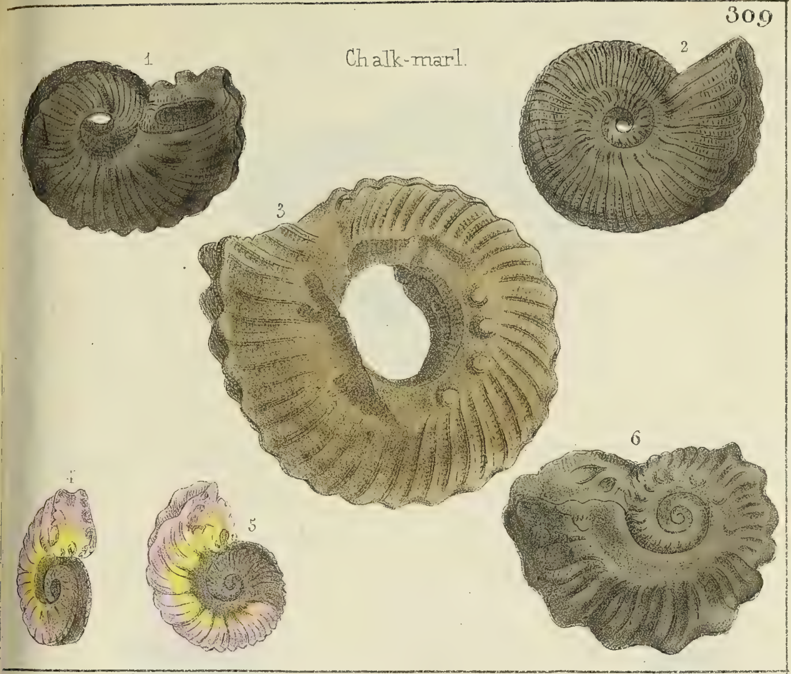
Tab 305. Inoceramus concentricus. Park.-Tab. 306. Inoc. sulcatus. Park.

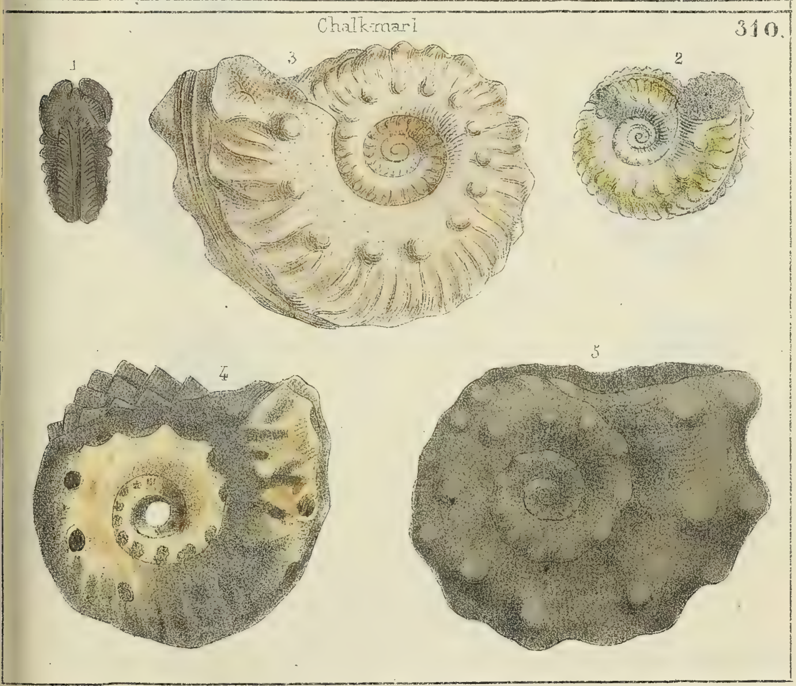


Ammonites Parkinsoni Sow.



Ammonites dentatus Sow.-



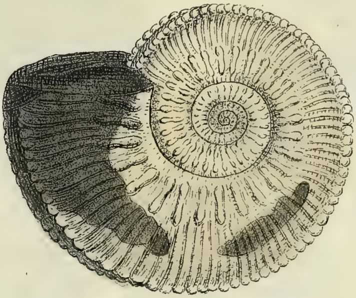


Tab. 309. Ammonites lautus. Sow.

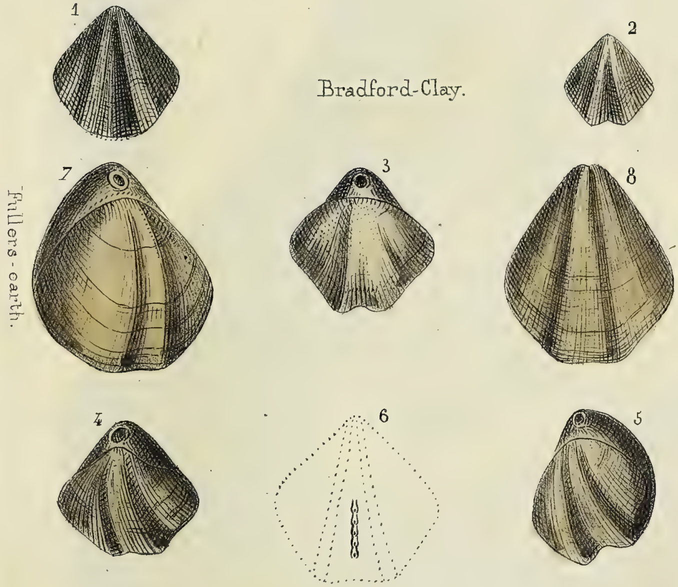
Tab. 310. Fig. 1. 2. 3. Ammonites. tuberculatus Sow. Fig. 4. 5 Am. proboscideus. Sow.

311.

Kelloway-rock.

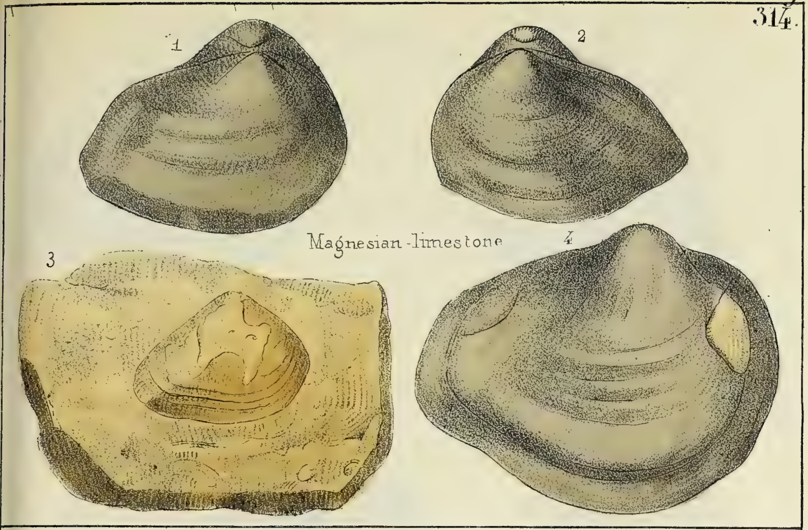


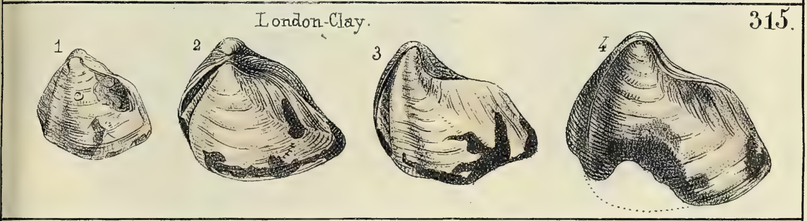
312

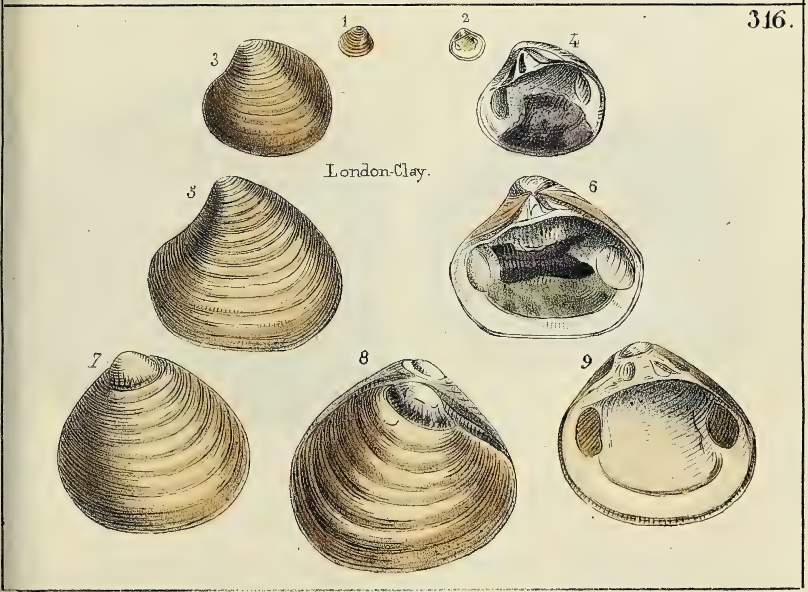


Tab. 311 Ammonites Gulielmii. Sow.
Tab. 312 Fig. 1-6. Terebratula coarctata. Sow. - Fig. 7. 8. Terebr. reticulata. Sow.

Fig. 1. 2. Pinna tetragona. Brocchi.-Fig. 3. Pinna affinis. Sow.-Fig. 4. Pinn arcuata. Sow.





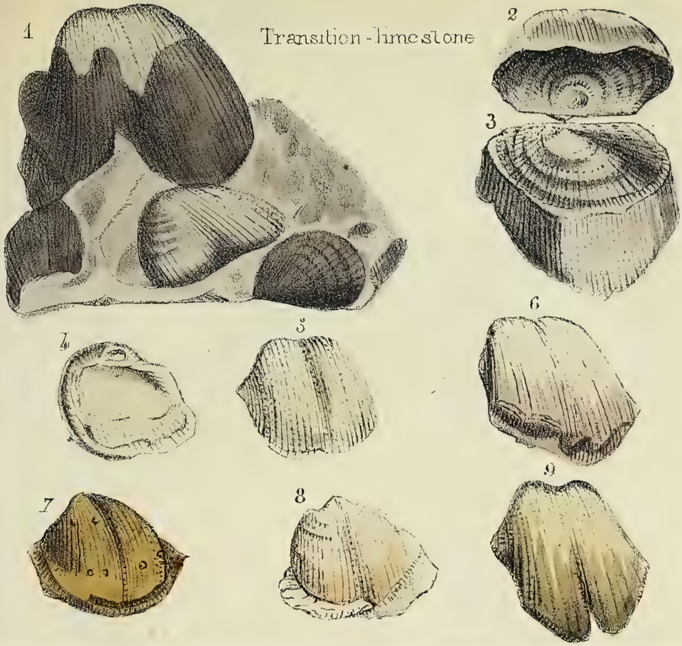


Tab. 314 Axinus obscurus Sow.
Tab. 315 Axinus angulatus Sow.
Tab. 316 Astarte rugata Sow.

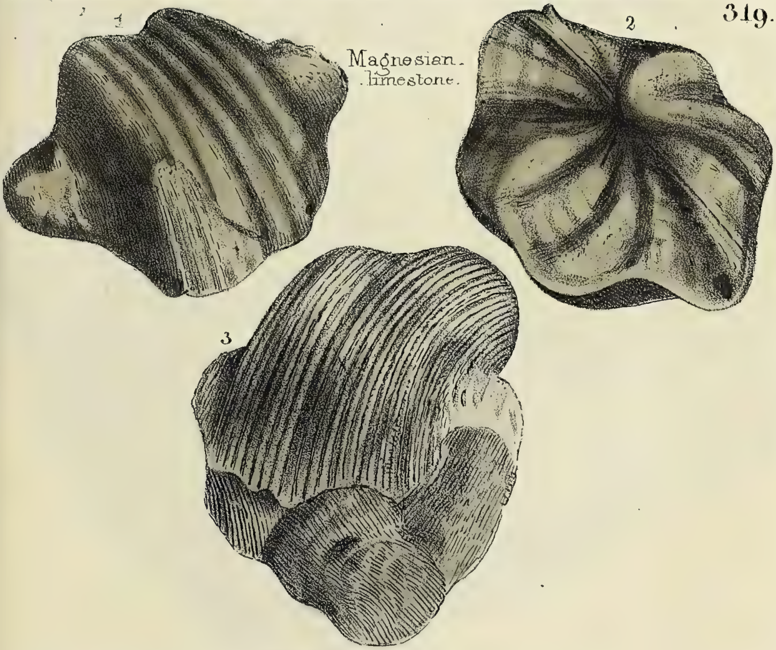
Mountain-limestone.

Fig. 1.5.6 Productus antiquatus Sow. Fig. 2.3.4 Prod. Martini Sow.

318.



319.



Tab. 318. Fig. 1.2.3 Productus concinnus. Sow.- Fig. 4-9 Prod. lobatus Sow.
Tab. 319. Fig. 1.2. Productus horridus. Sow.- Fig. 3. Prod. sulcatus Sow.

Productus giganteus Sow.

Mountain-limestone.

1

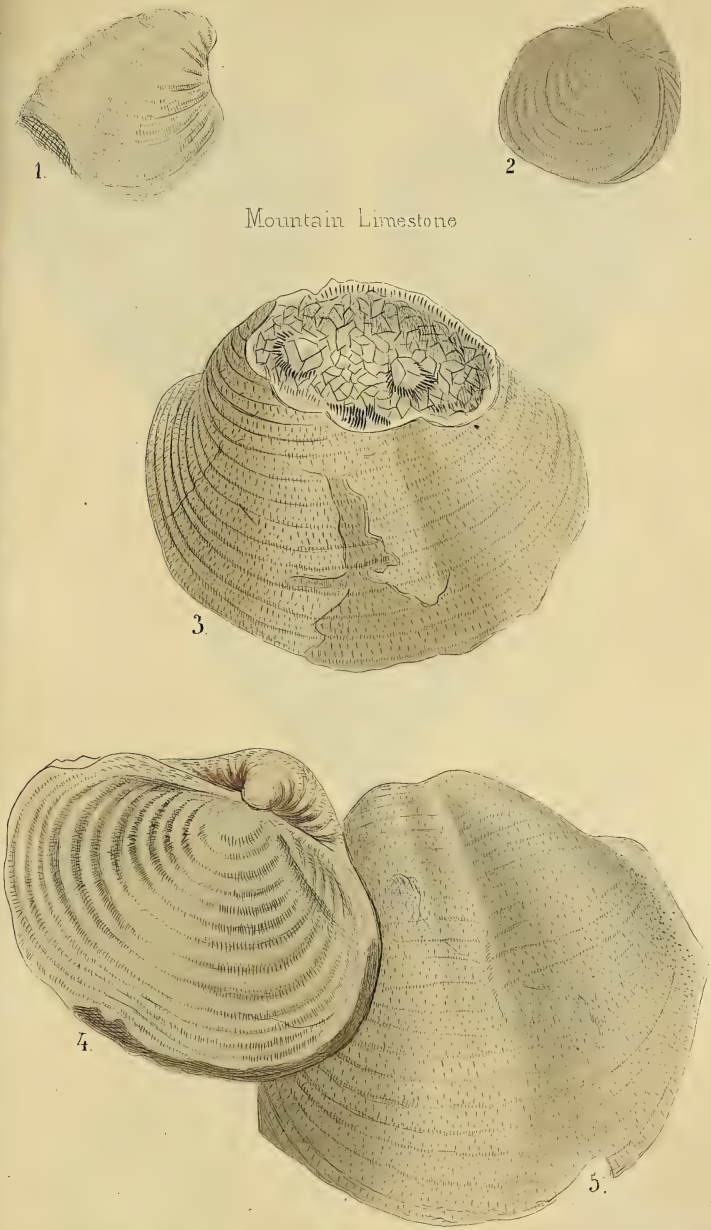
2

3

Productus personatus Sow.

Magnesian-limestone.

Productus humerosus. Sow.



Productus punctatus Sow.

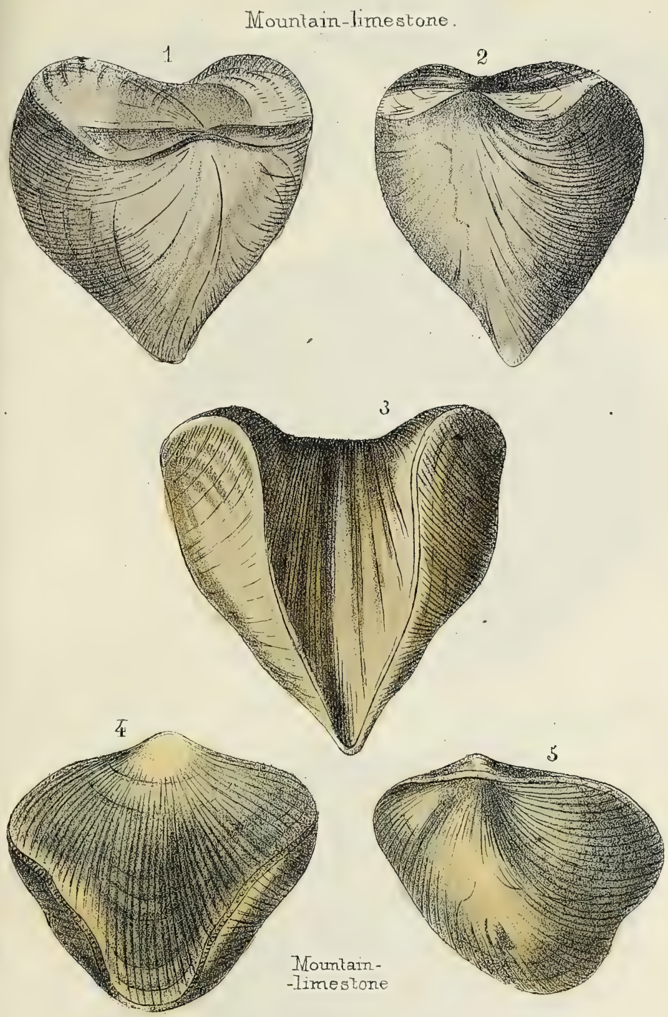
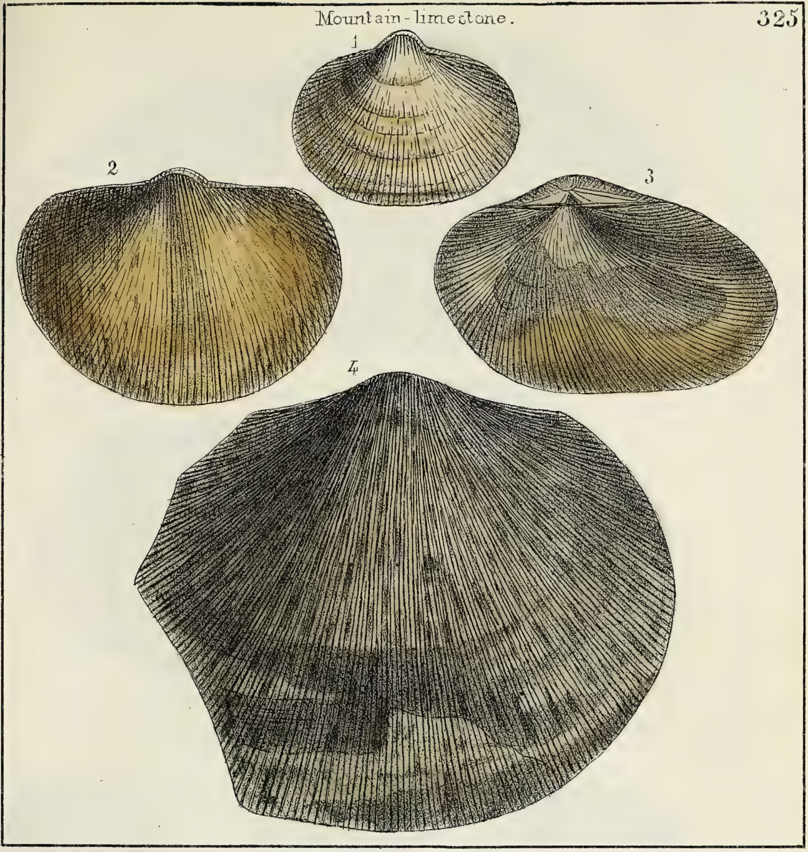
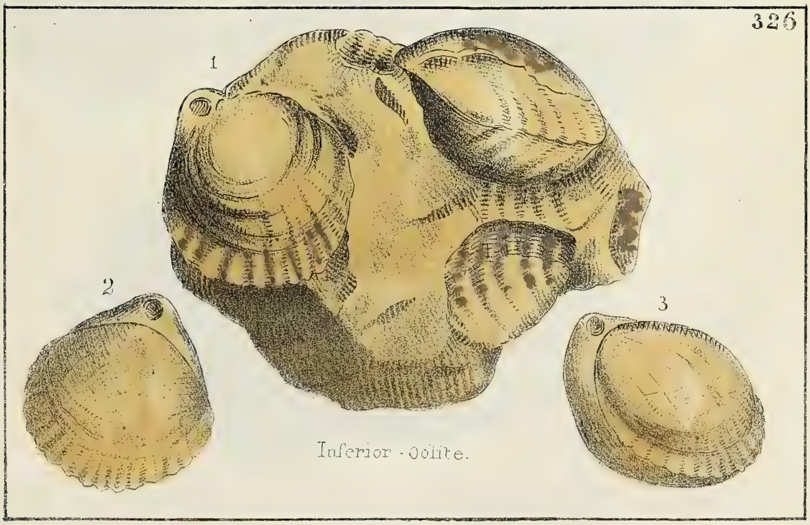


Fig.1-3. Terebratula acuminata Sow. Fig.4.5. Terebratula affinis. Sow.

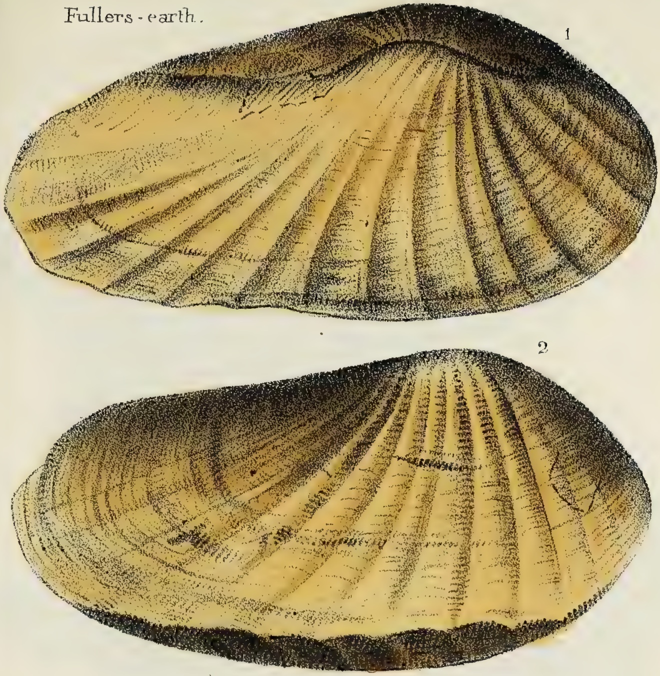




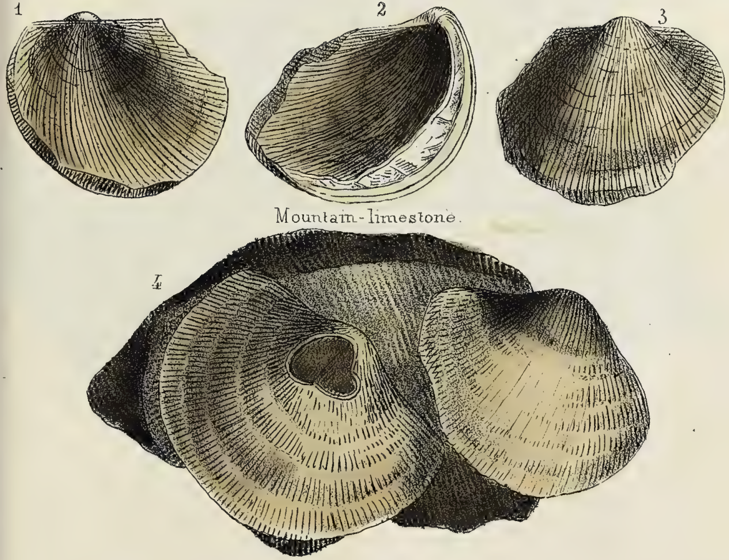
Tab. 325. Terebratula resupinata. Sow.
Tab. 326. Terebratula fimbria Sow.

327.

Fullers - earth.



328.

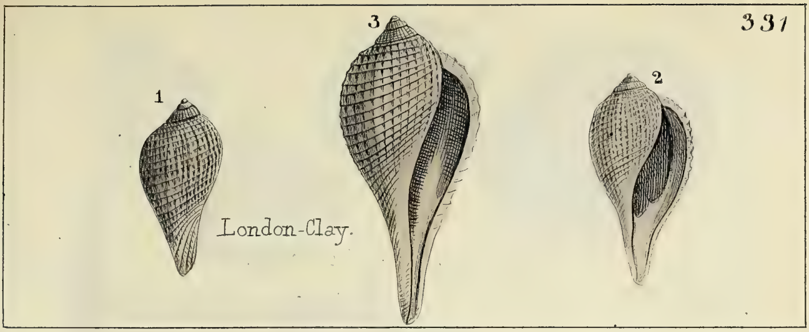


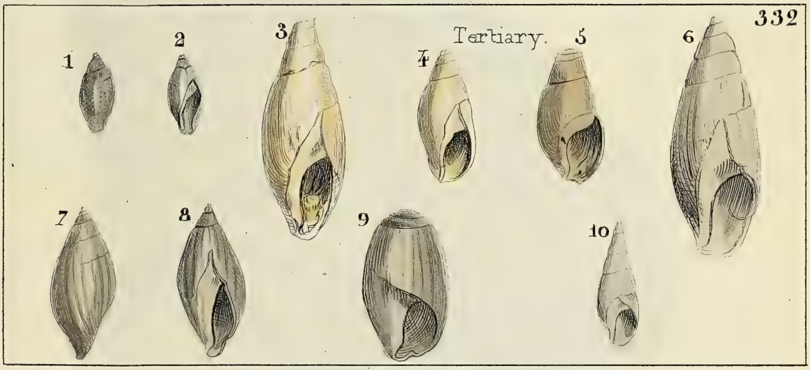
Tab. 327. Pholadomya angustata. Sow.
Tab. 328. Productus hemisphaericus Sow.

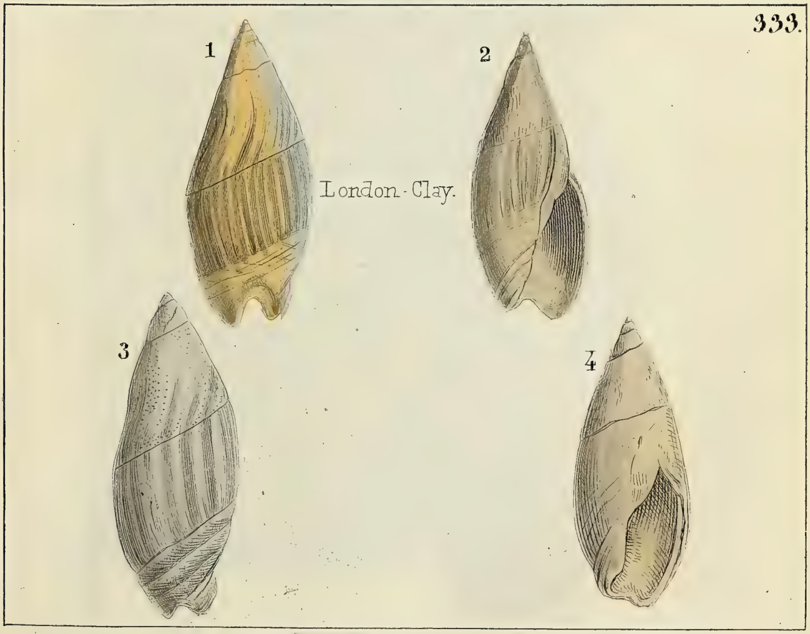
Mountain-limestone

Mountain-limestone.

Productus latissimus. Sow.



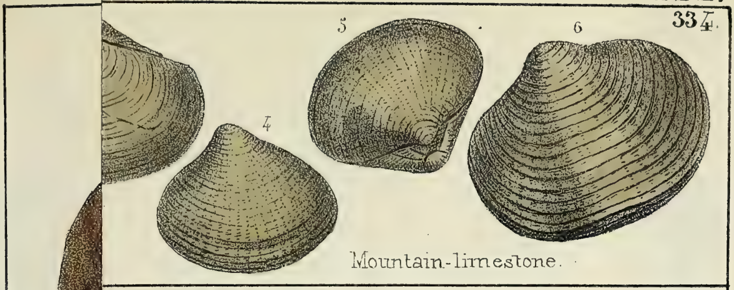




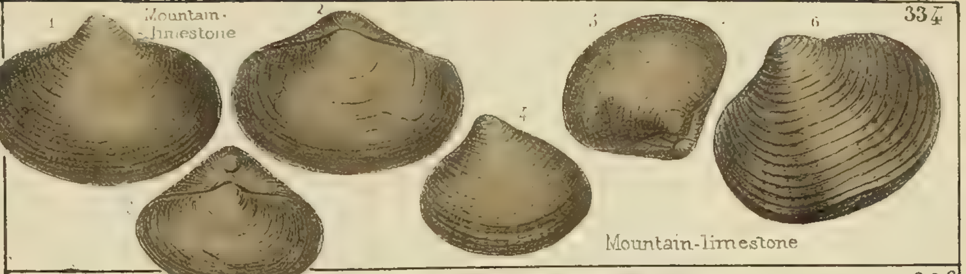
Tab. 331. Pyrula nexilis Lam.

Tab. 332. Fig. 1-9 Melanopsis fusiformis Sow. - Fig. 10 Mel. subulata. Sow.

Tab. 333. Ancilla subulata Lam.

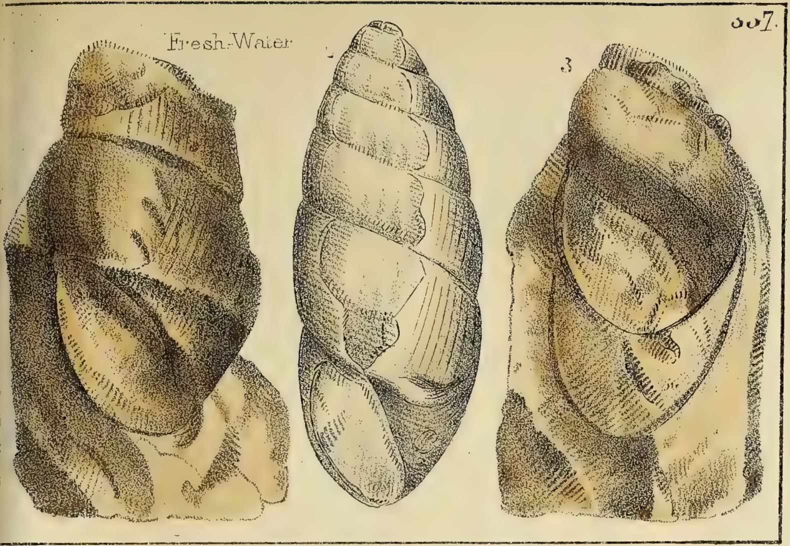


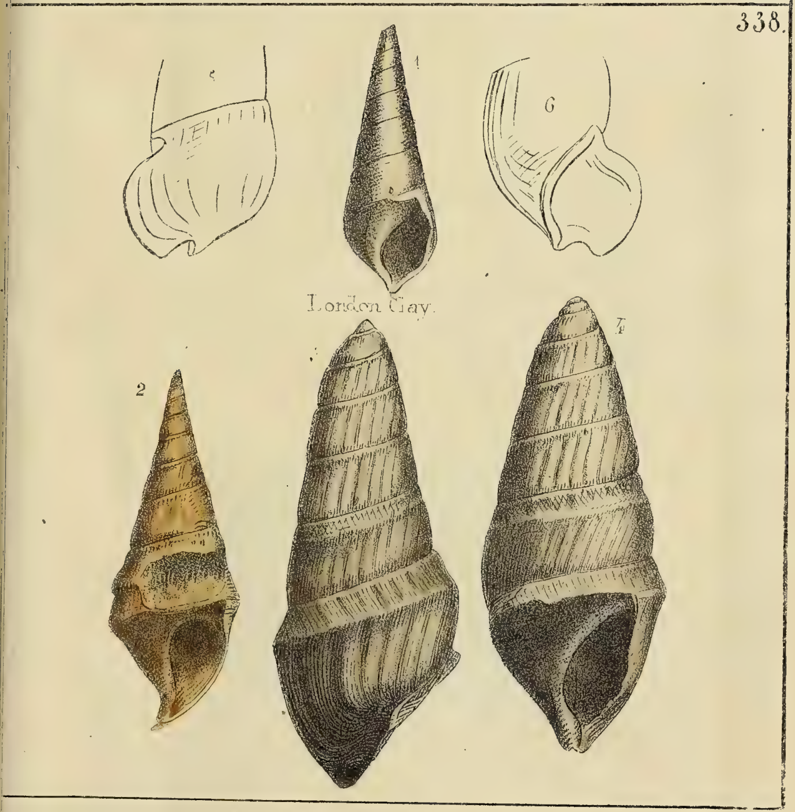
eata Sow.- Fig. 4.5.6. Terebratula imbricata. Sow
Gryphaea sinuata, Sow.



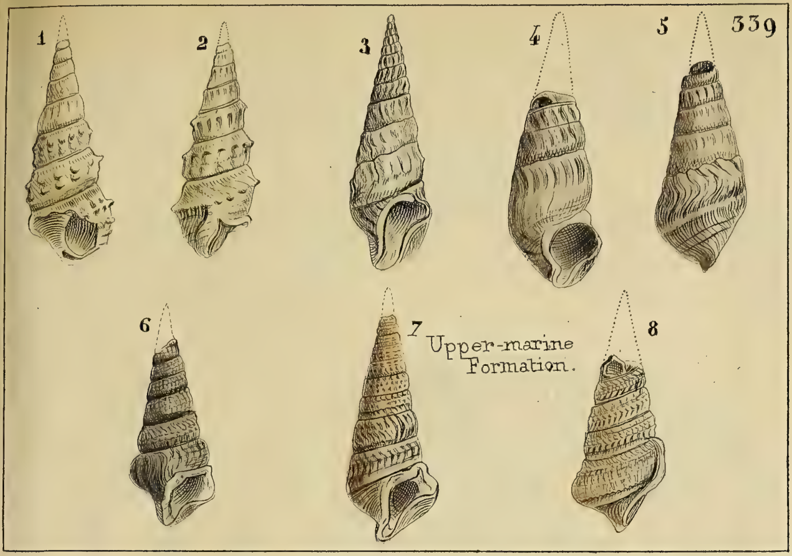
Sphaera corrugata Sow.

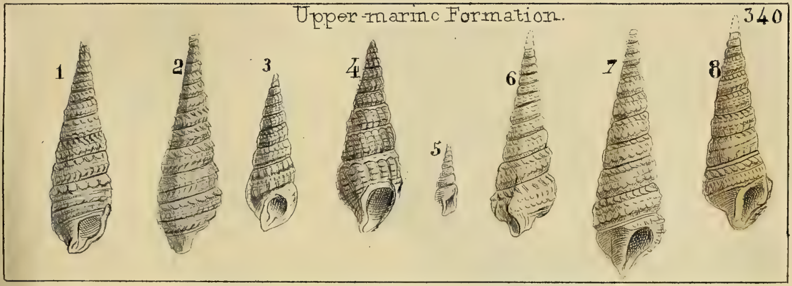
Tab. 334. Fig. 1.2.3. Terebratula lineata Sow.- Fig. 4.5.6. Terebratula imbricata Sow
Tab. 336. Gryphaea sinuata. Sow

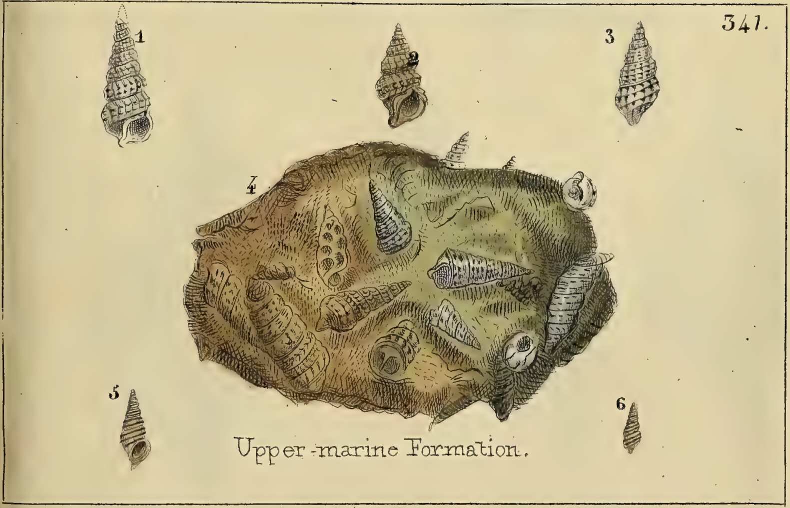




Tab. 337. Bulimus ellipticus Sow.
Tab. 338. Potamides rigidus Sow.

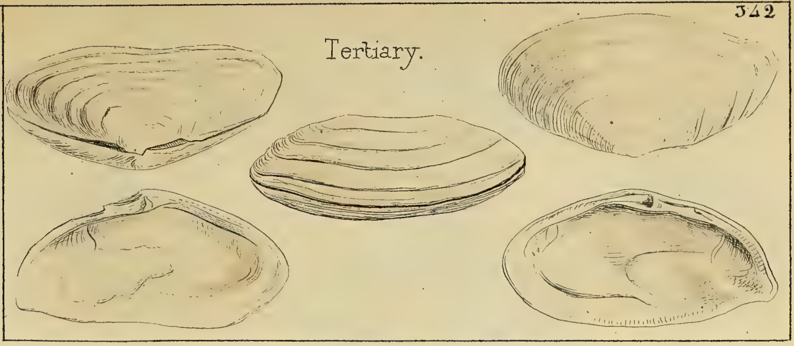


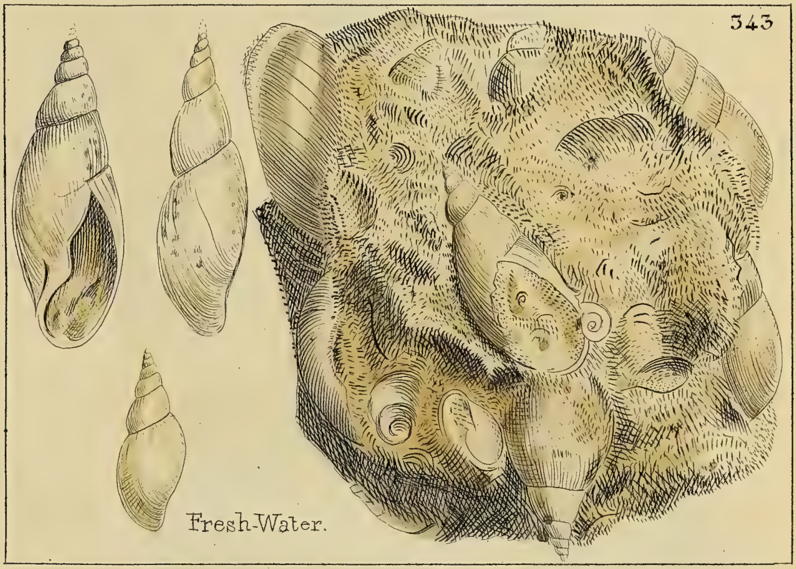


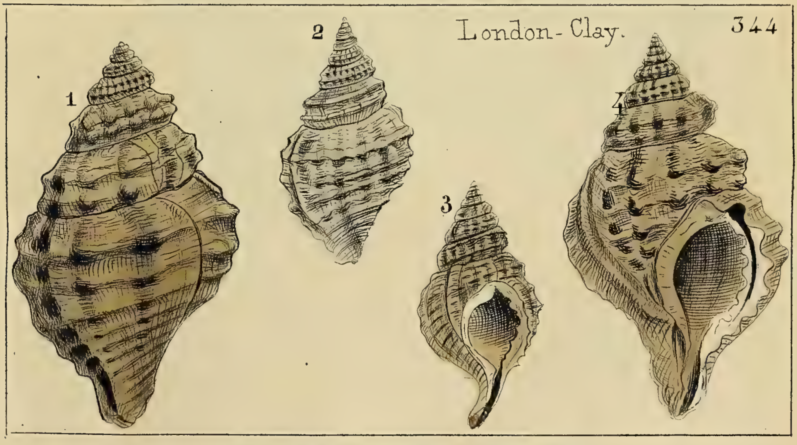


Tab. 339 Fig. 1.2 Potamides melanioides Sow.-Fig. 3.4.5. Pot. concavus. Sow.-
Fig. 6.7.8. Pot. margaritaceus. Sow.

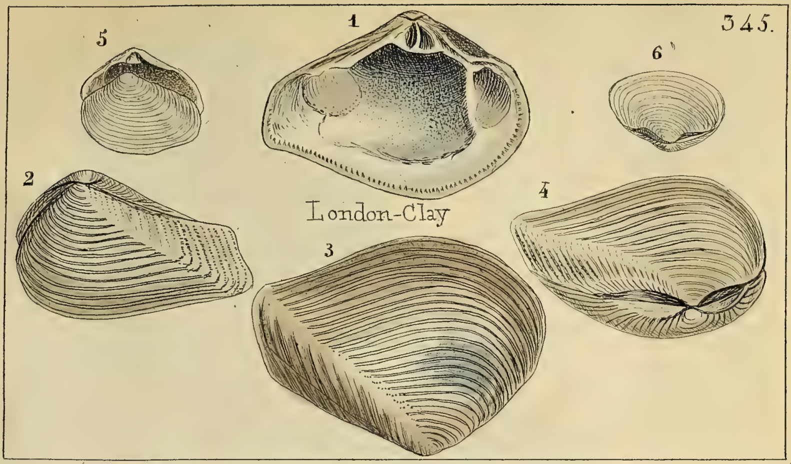
Tab. 340. Fig. 1.2. Pot. duplex. Sow.-Fig. 3.4.5. Pot. plicatus Sow.-Fig. 6.7.8. Pot. cinctus
Tab. 341. Fig. 1-4 Pot. ventricosus. Sow.-Fig. 5.6. Pot. acutus. Sow.

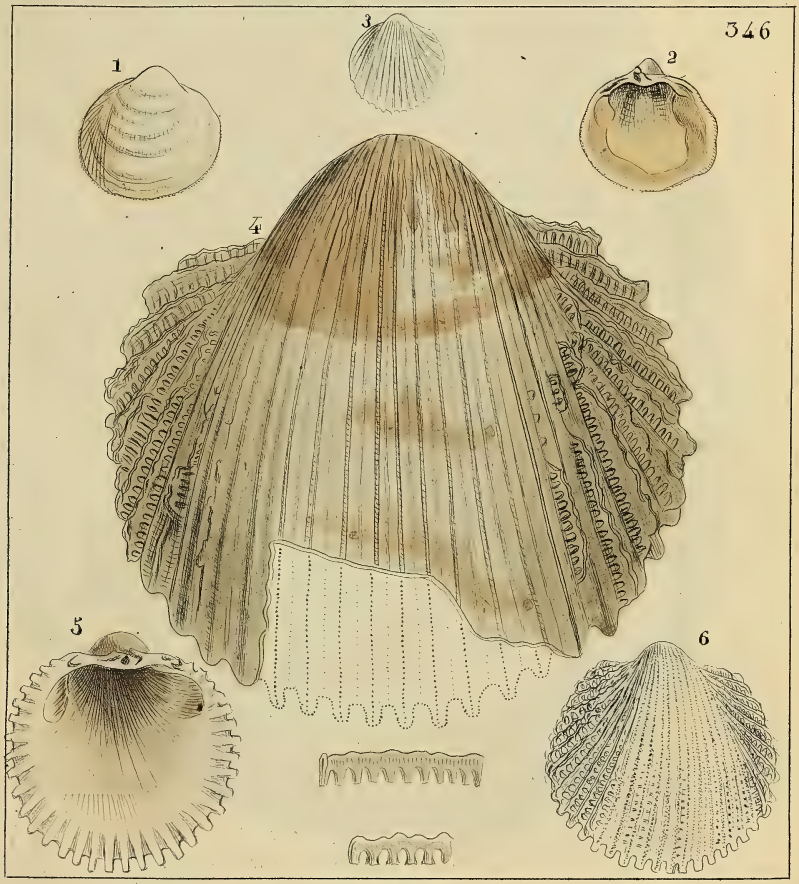




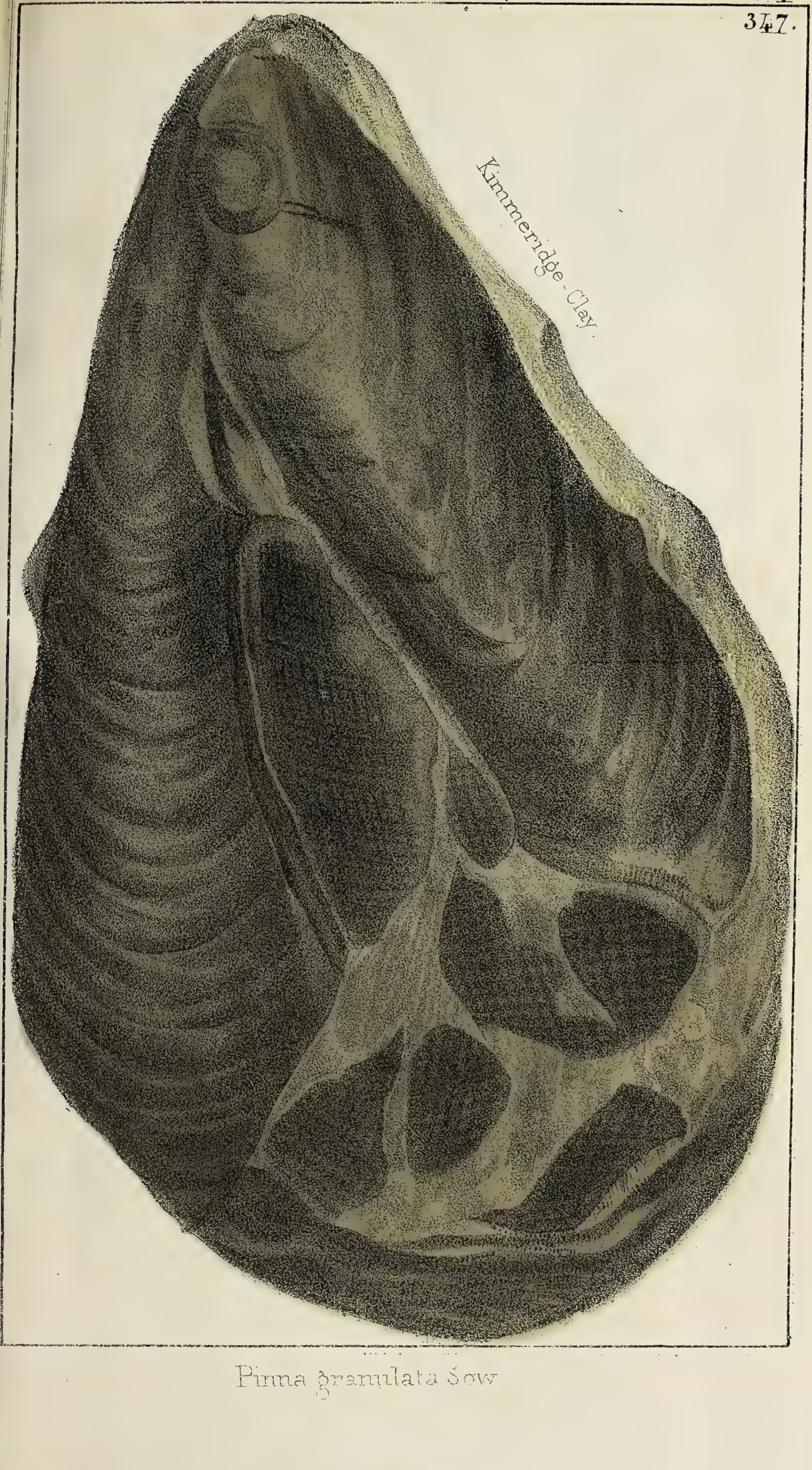


Tab. 342. Psammobia solida. Sow.
Tab. 343. Limnea longiscata Sow.
Tab. 344. Murex argutus. Brand.





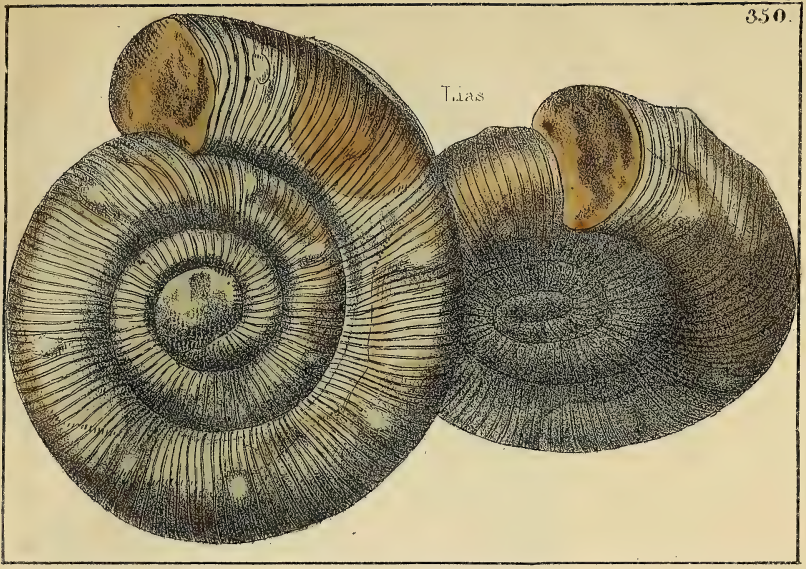
Tab. 345. Fig. 1-4 Crassatella sulcata Sow. - Fig. 5. 6. Crass. plicata Sow.
Tab. 346. Fig. 1. 2 Cardium turgidum Brand. - Fig. 3-6 Card. porulosum Brand.



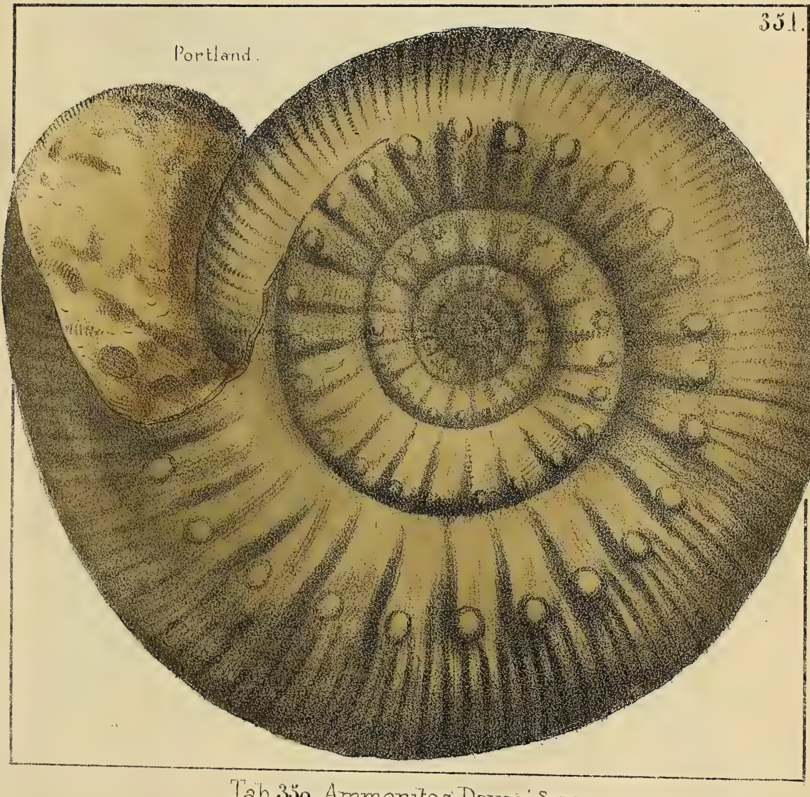
Pinna granulata Sow

Tab.348 Chama squamosa Brand.
Tab.349.Fig.1-7 Rostellaria Parkinsoni Mantell.- Fig.8-12 Rost. calcarata Sow.

350.



351.



Tab. 350. Ammonites Davoei. Sow.
Tab. 351. Ammonites Brodiei. Sow.

ral-rag.

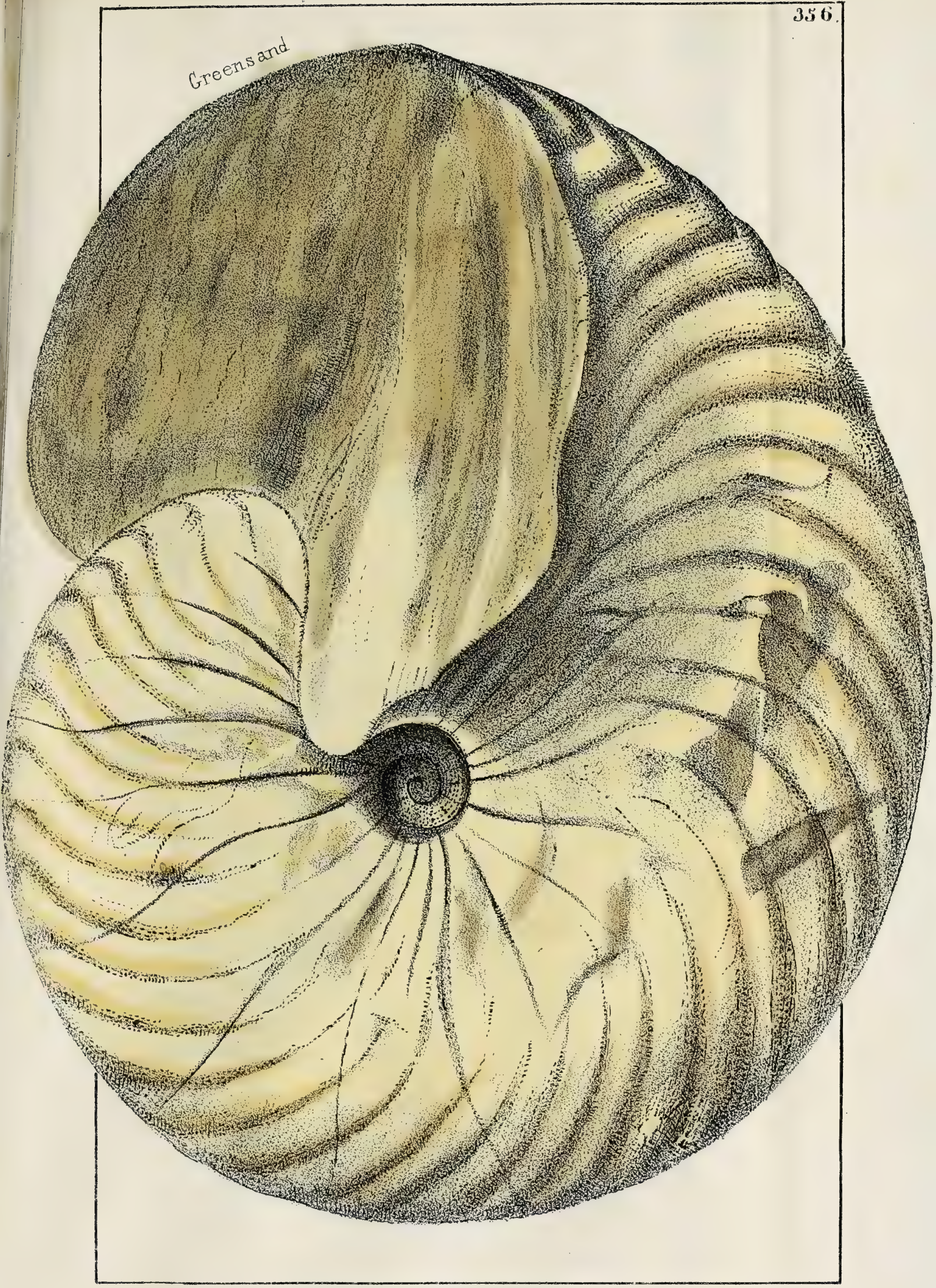
Ammonites perarmatus. Sow.

353.

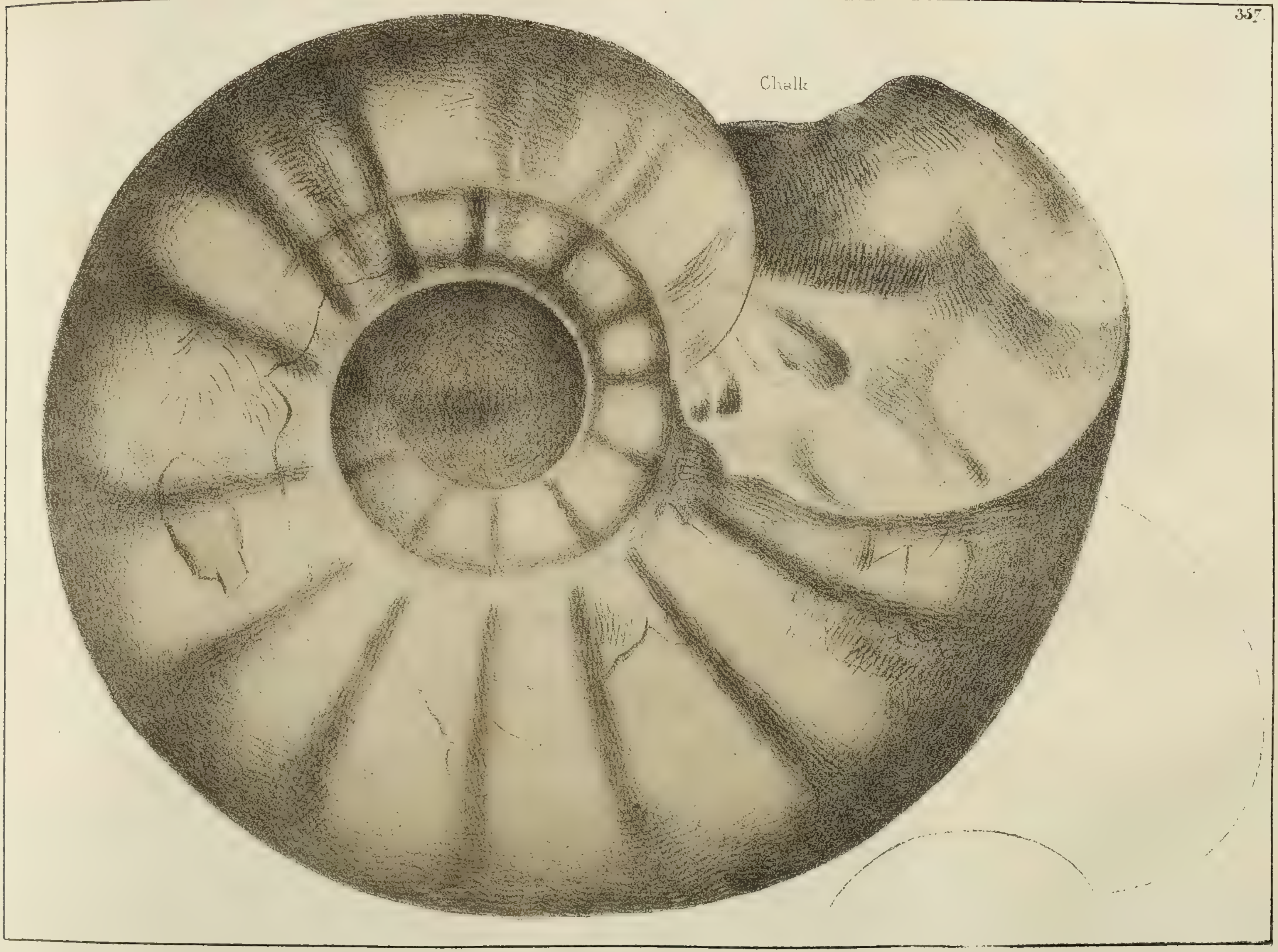
Astarte obovata Sow.

Pecten papyraceus. Sow.

Nautilus regalis Sow.



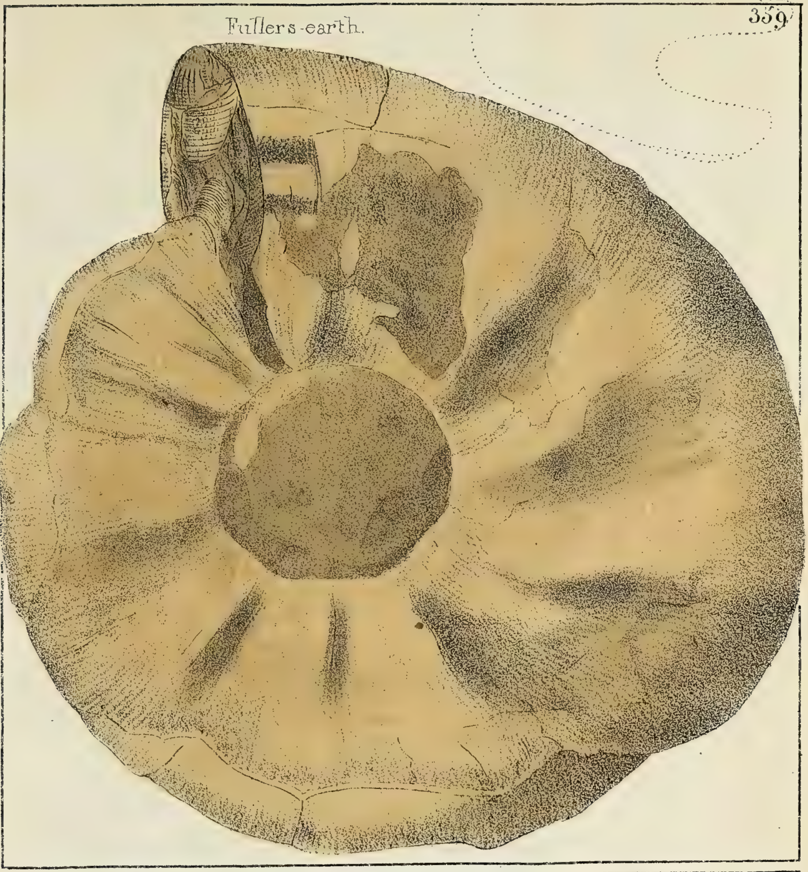
Nautilus radiatus Sow.

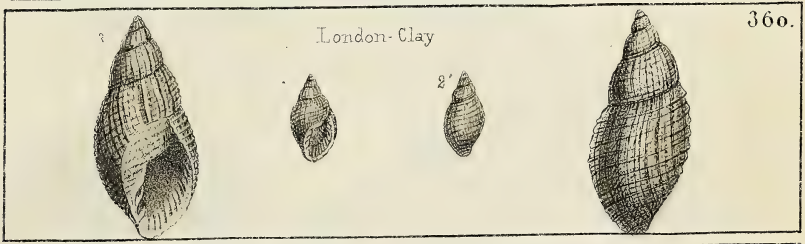


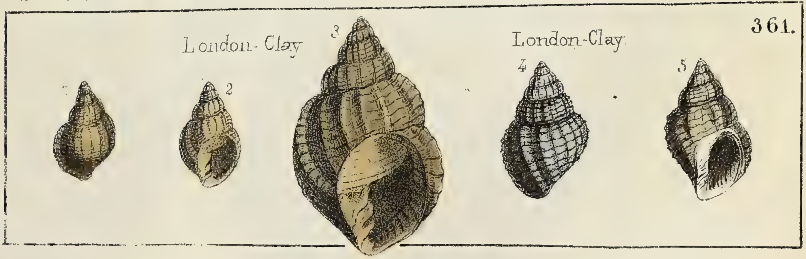
Ammonites peramplus Mant

2

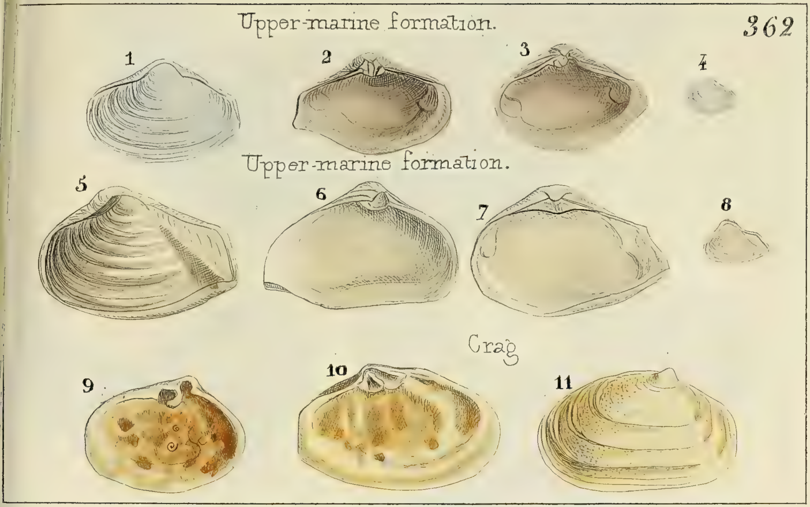
Ammonites Lewesiensis Mant.

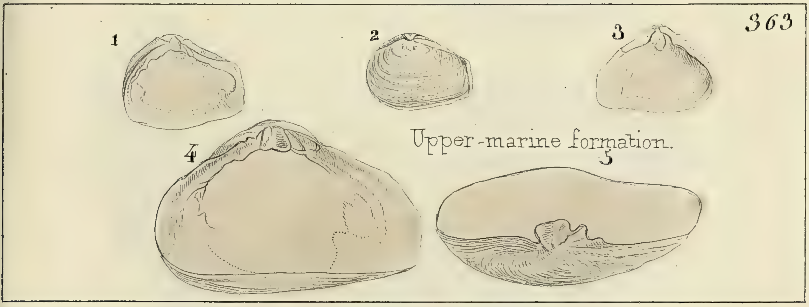


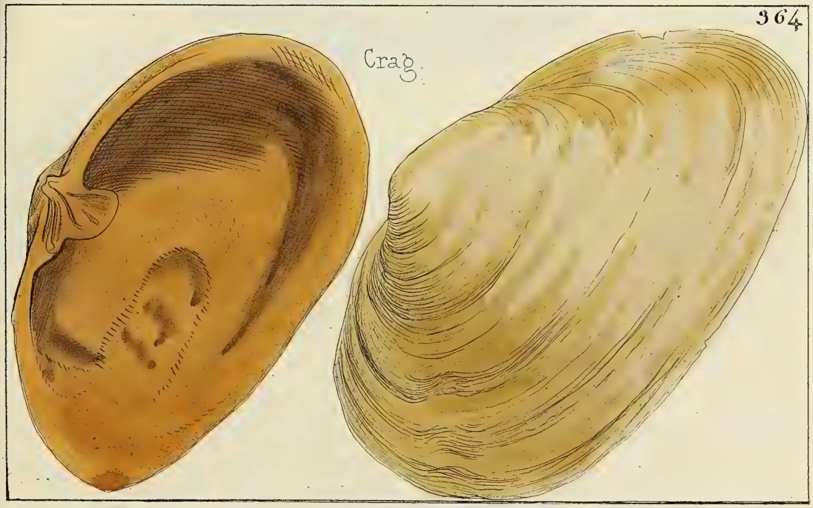




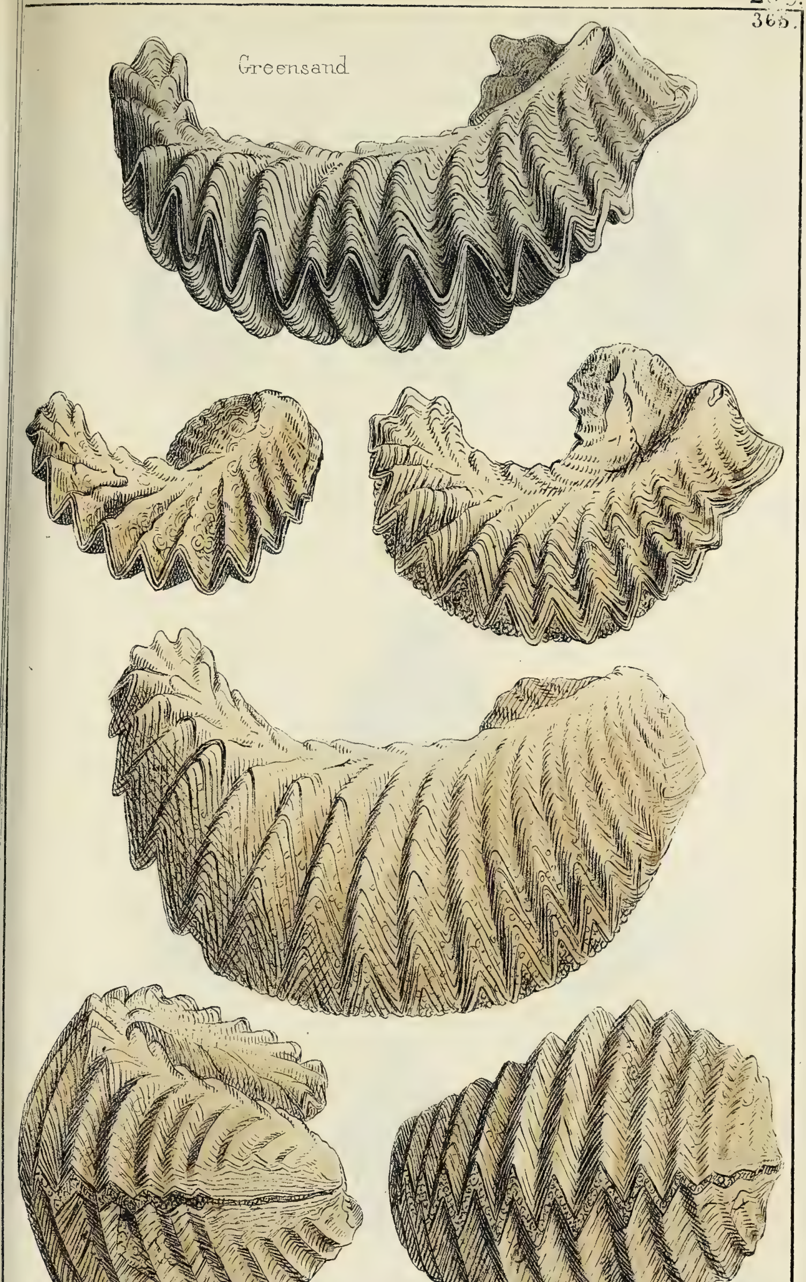
Tab.359 Ammonites pliconiphalus Sow
Tab.360. Cancellaria quadrata. Sow.
Tab.361. Fig.1.2. Cancellaria laeviuscula Sow.- Fig.3.4.5. Canc.evulsa Sow.



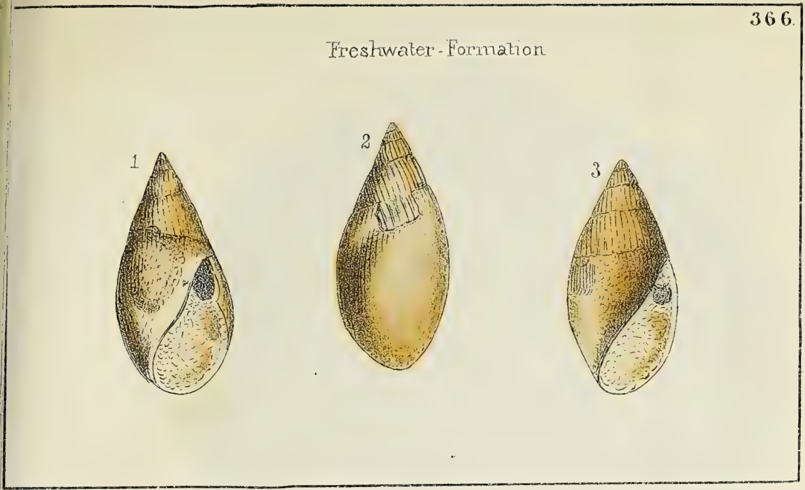




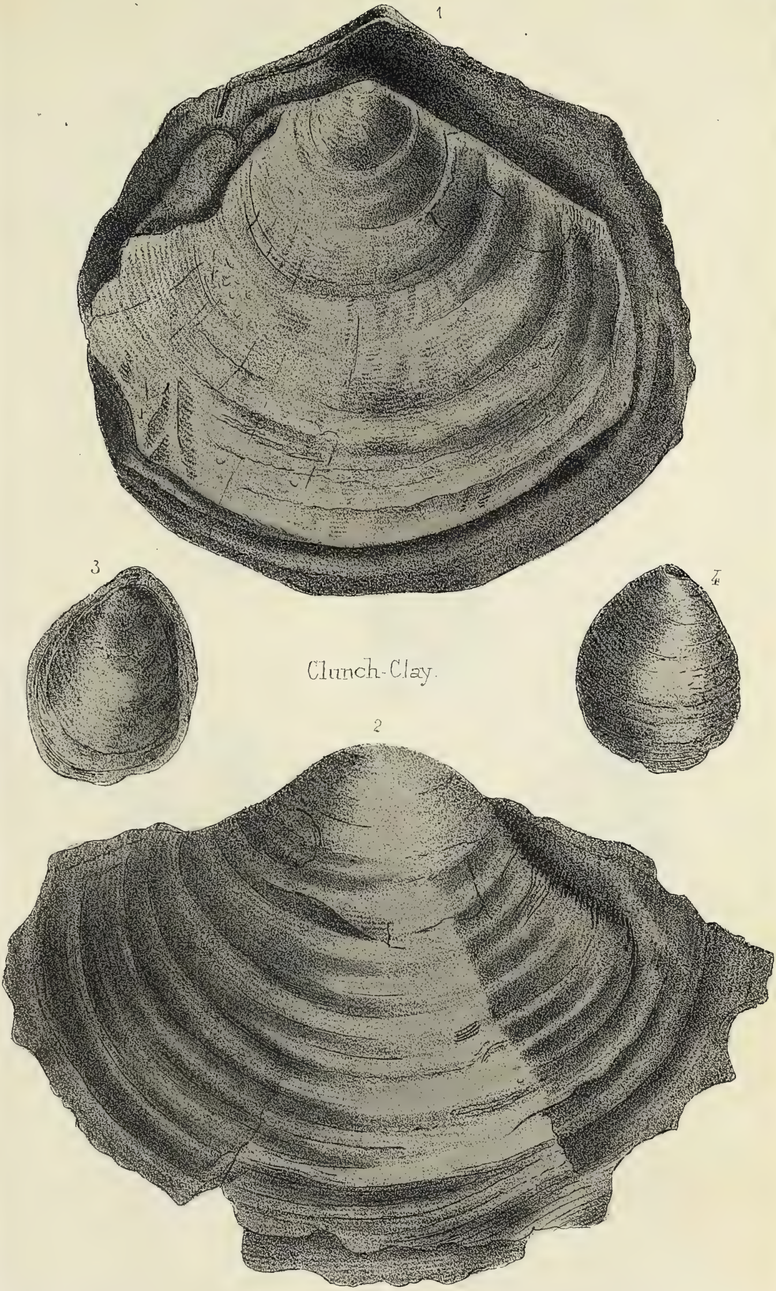
Tab. 362 Fig. 1-4. Corbula nitida Sow-Fig. 5-8. Corb. cuspidata. Sow=
Fig. 9-11. Corb. complanata. Sow.
Tab. 363. Mya ? gregarea. Sow.
Tab. 364. Mya arenaria. Lin.



Ostrea carinata Lam

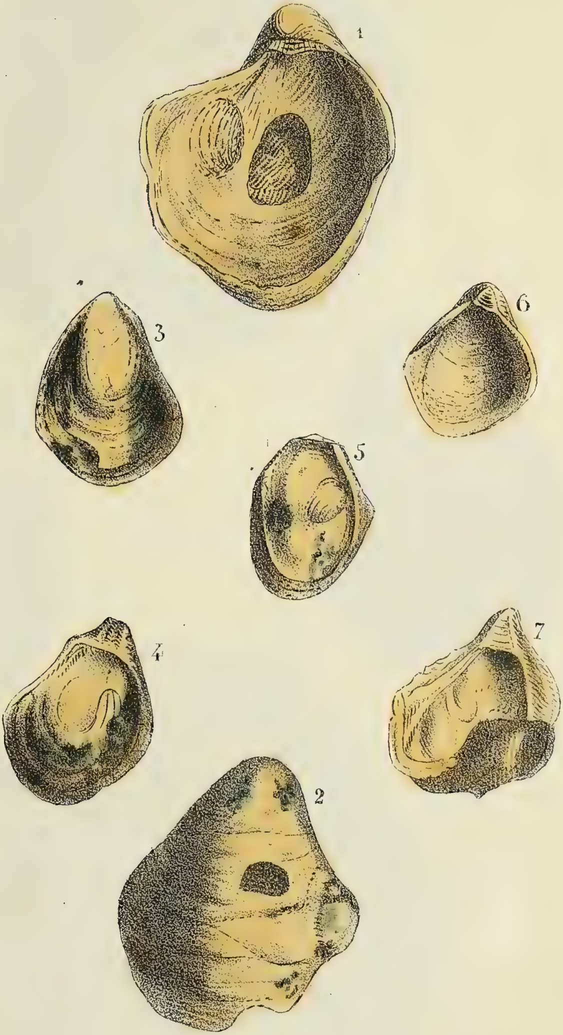


Tab.366 Bulimus costellatus Sow.
Tab.367 Trochus monilifer Lam.



Cryphaea bullata Sow.

Greensand.



Gryphaea vesiculosa Sow.

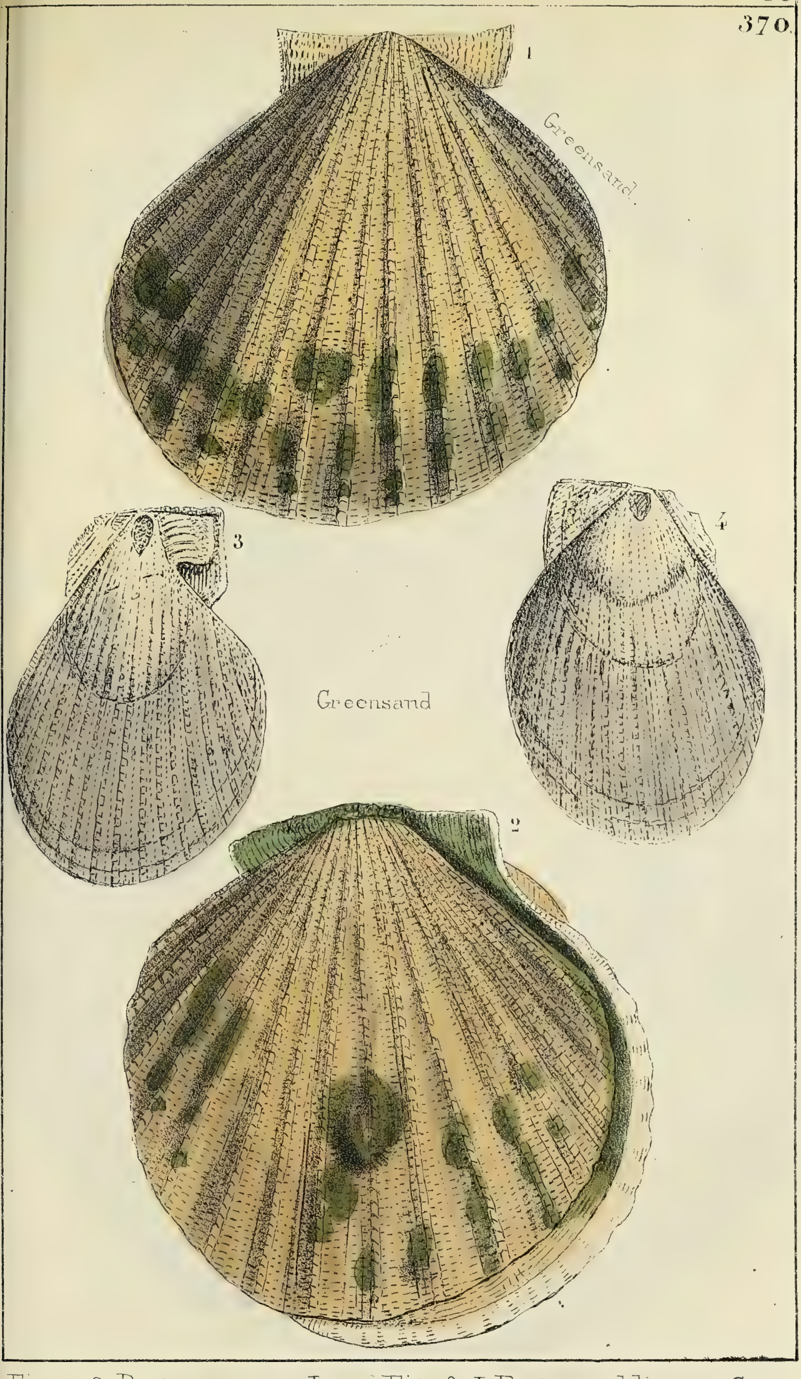
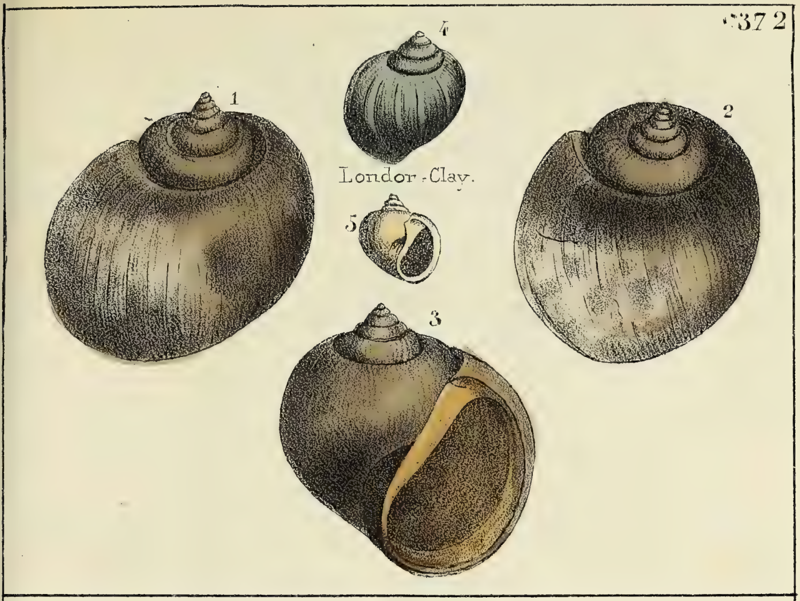
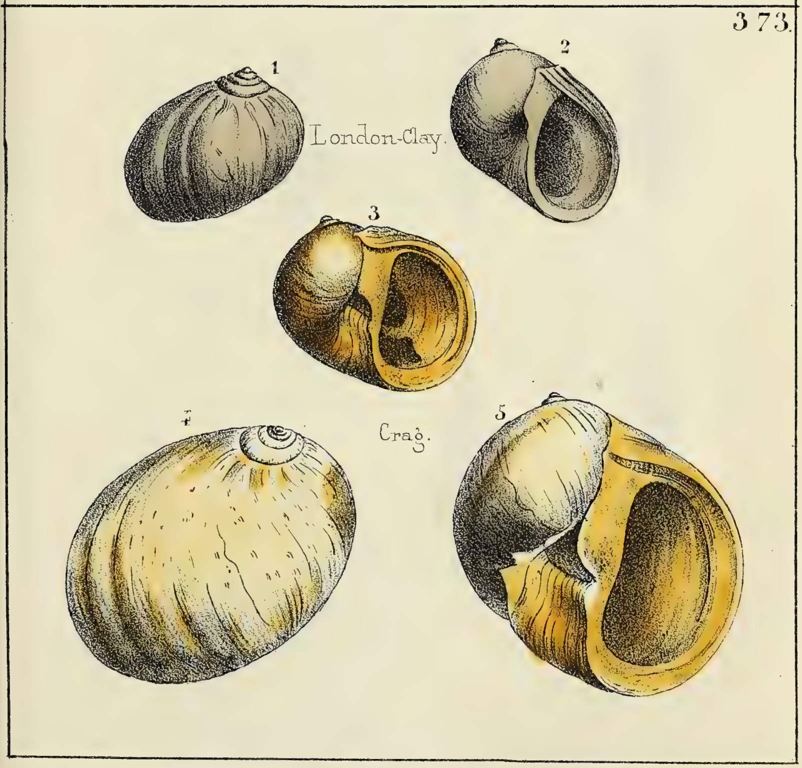


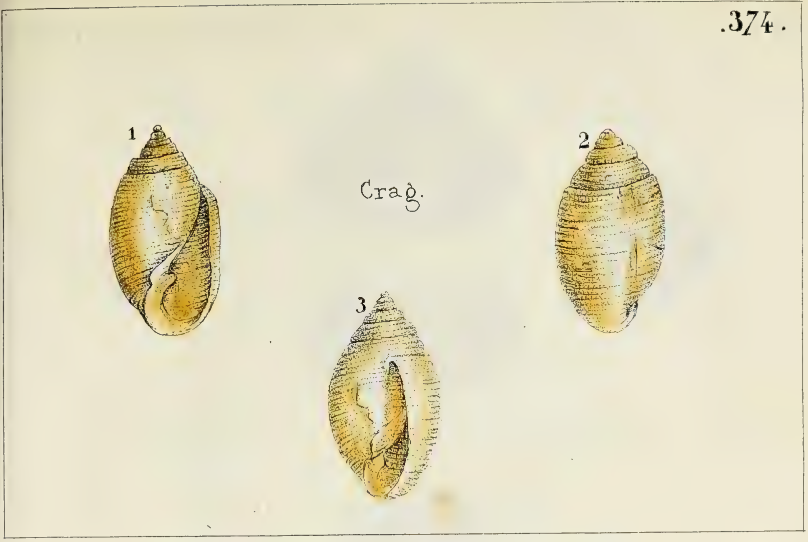
Fig. 1.2 Pecten asper Lam. Fig. 3.4. Pecten obliquus Sow.

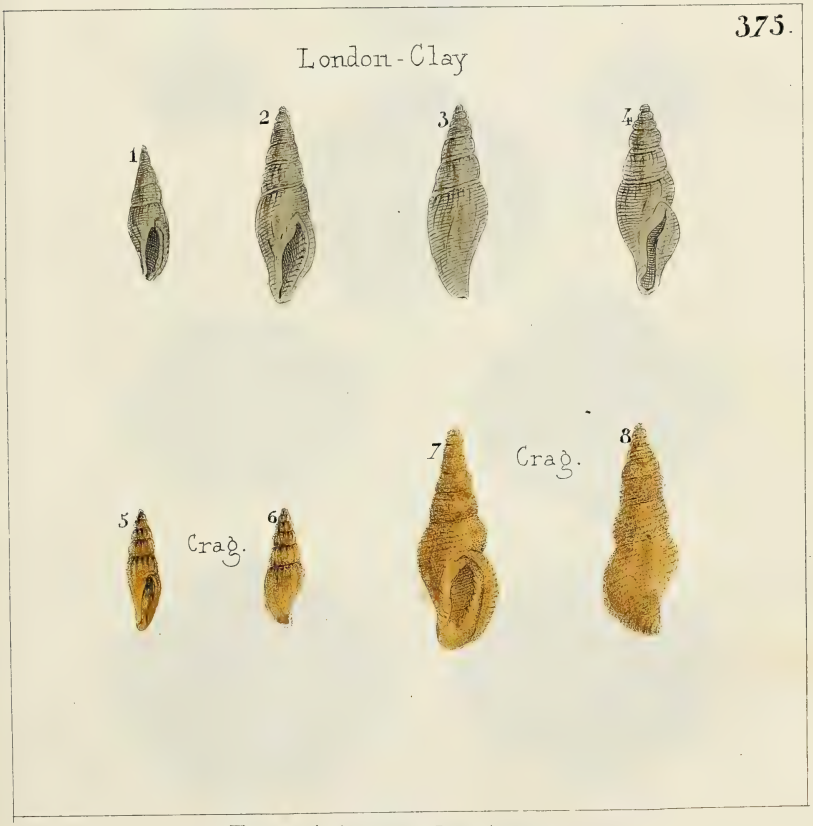
Pecten cinctus Sow.



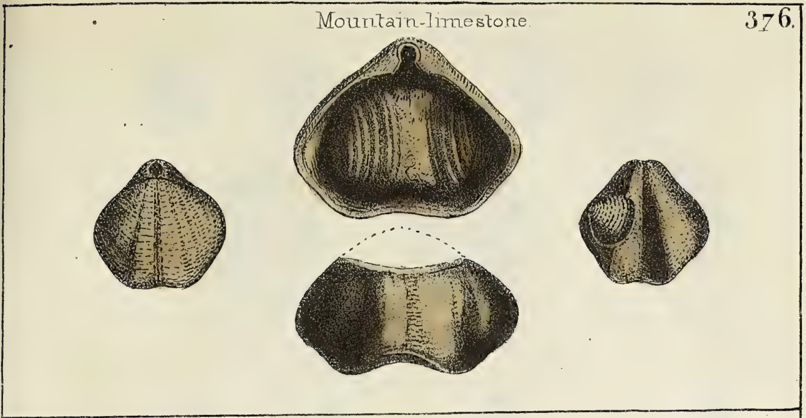


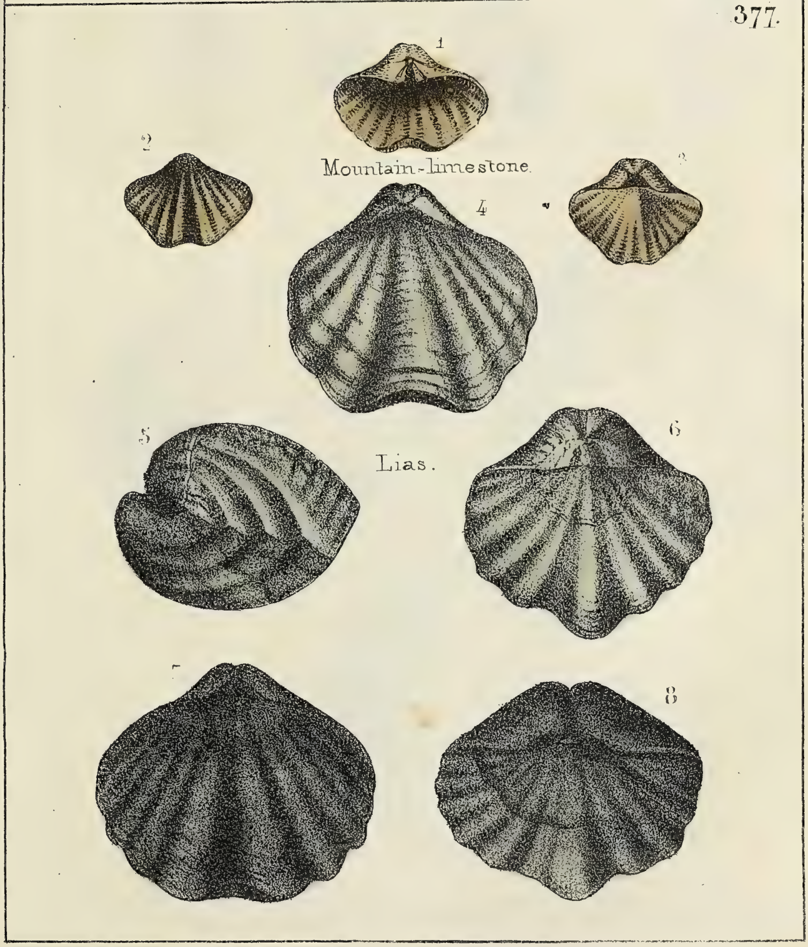
Tab. 372. Ampullaria. Ambulacrum. Sow.
Tab. 373. Fig. 1. 2 Natica striata Sow.-Fig. 3. 4. 5 N. patula Sow.





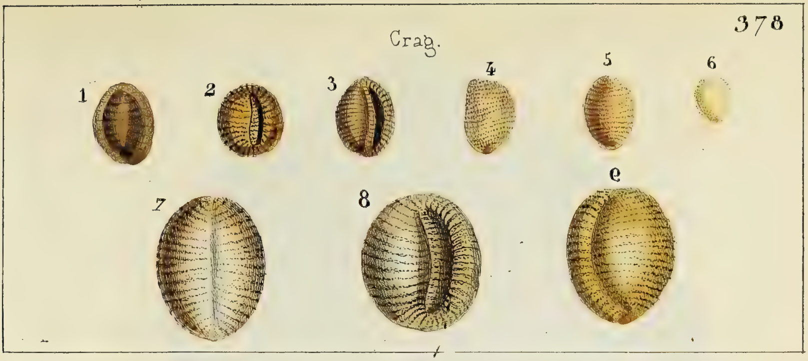
Tab. 374. Acteon Noe Sow.
Tab. 375. Fig. 1-4. Buccinum junceum Sow.- Fig. 5. 6. B. Mitrula Sow.-
Fig. 7. 8. B. sulcatum. Sow.

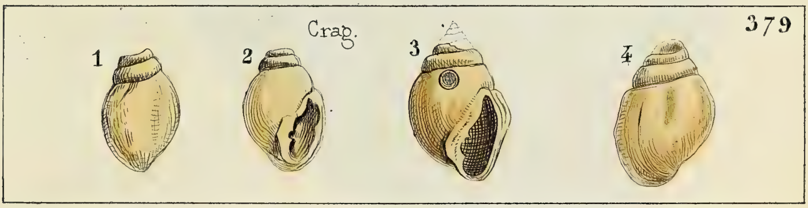


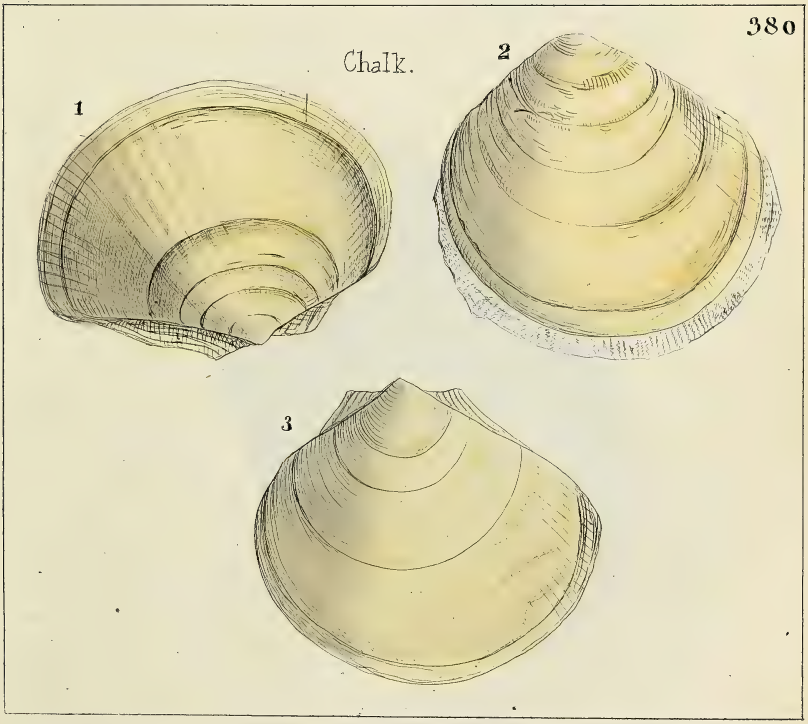


Tab. 376. Spirifer ambiguus Sow.

Tab. 377. Fig. 1.2.3 Spirifer minimus Sow. Fig. 4.5.6.7.8 [illegible]

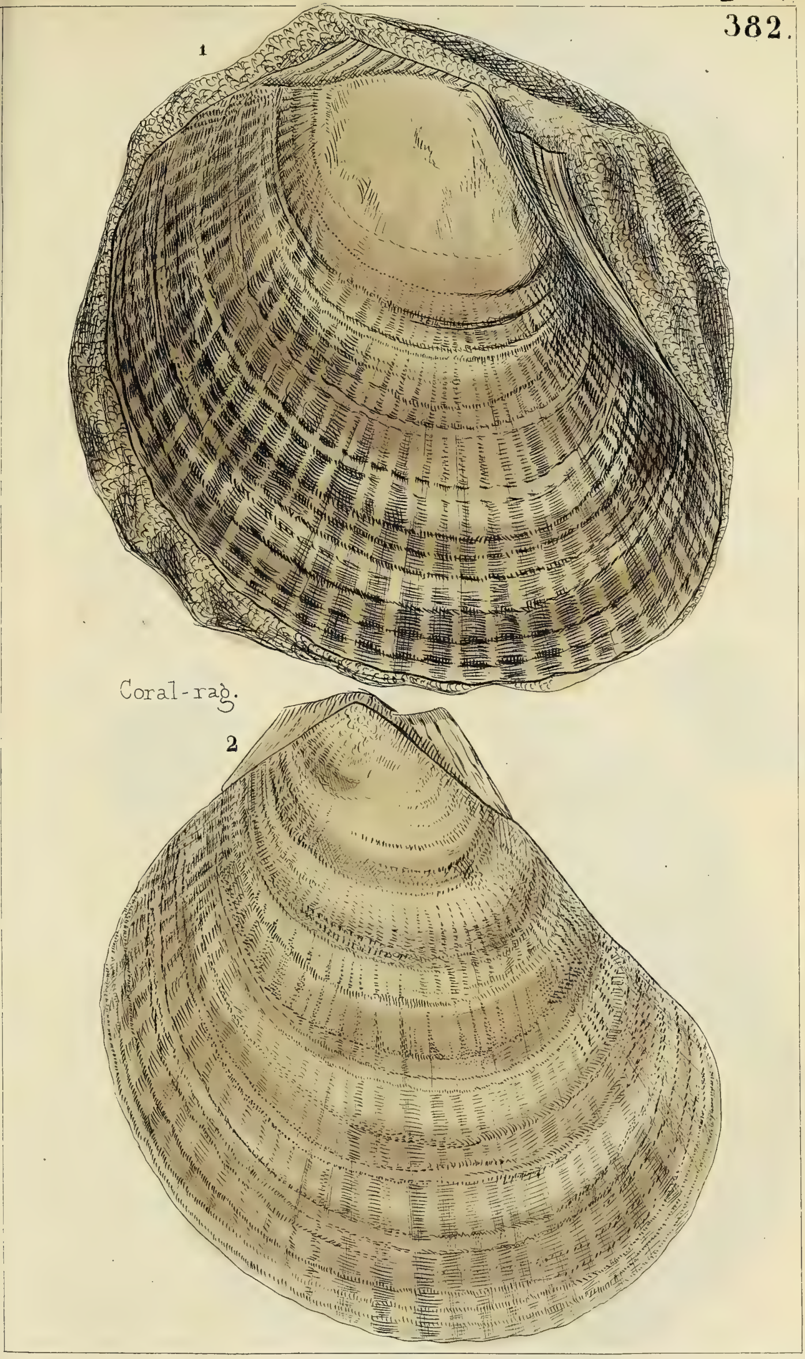






Tab.378. Fig.1.2 Cypraea retusa Sow. Fig.3.4.5.6.Cyp. coccinelloides Sow.
Fig.7.8.9. Cyp. Avellana Sow.
Tab.379. Auricula pyramidalis Sow.
Tab.380. Plagiostoma Hoperi. Mantell.

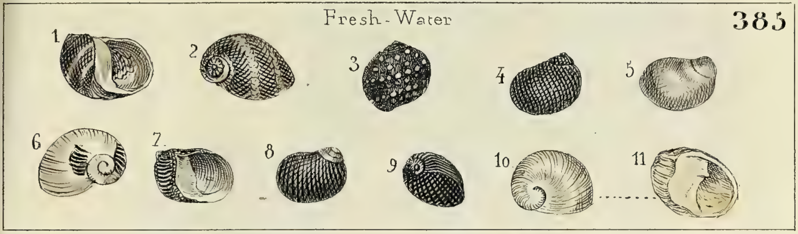
Plagiostoma rusticum Sow.

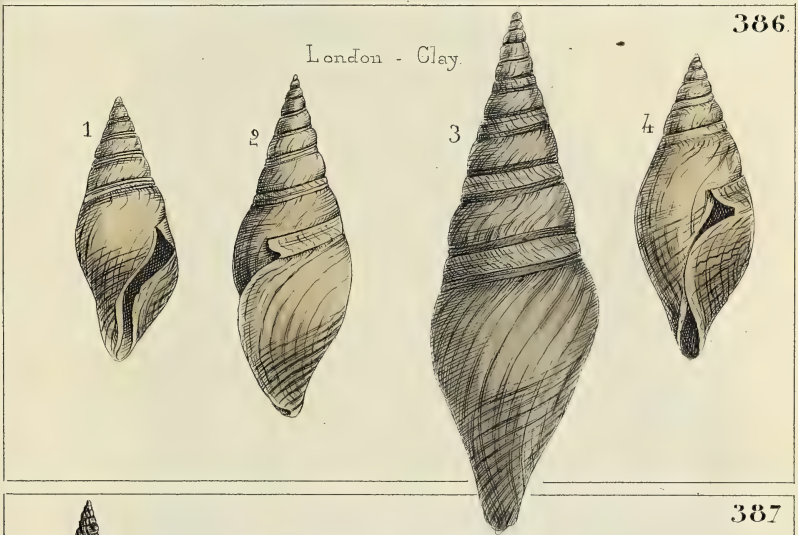


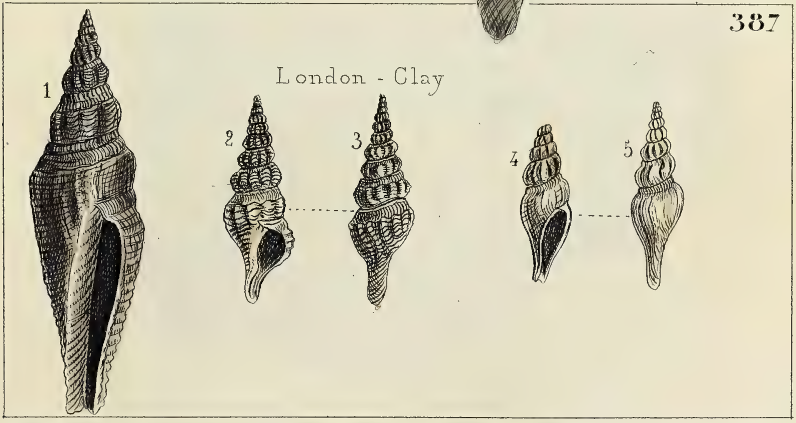
Plagiostoma laeviusculum Sow.

383.

Tab. 383. Fig. 1-4 Gryphaea Columba. Lam. - Fig. 5. 6 G. nana. Sow.







Tab.384. Sigaretus canaliculatus Sow. Tab.385. Fig.1-9. Neritina. concava Sow. Fig.10.11. N.uniplicata Sow. Tab.386. Pleurotoma priscum Sow.
Tab.387. Fig.1. Pleurotoma fusiforme Sow. Fig.2.3. P. brevirostrum Sow.
Fig.4.5. P.laevigatum Sow.

edulina Lam.

Fig. 1.2.3 Ostrea B[illegible] Fig. 4.5.6 Ost[illegible] Lam.

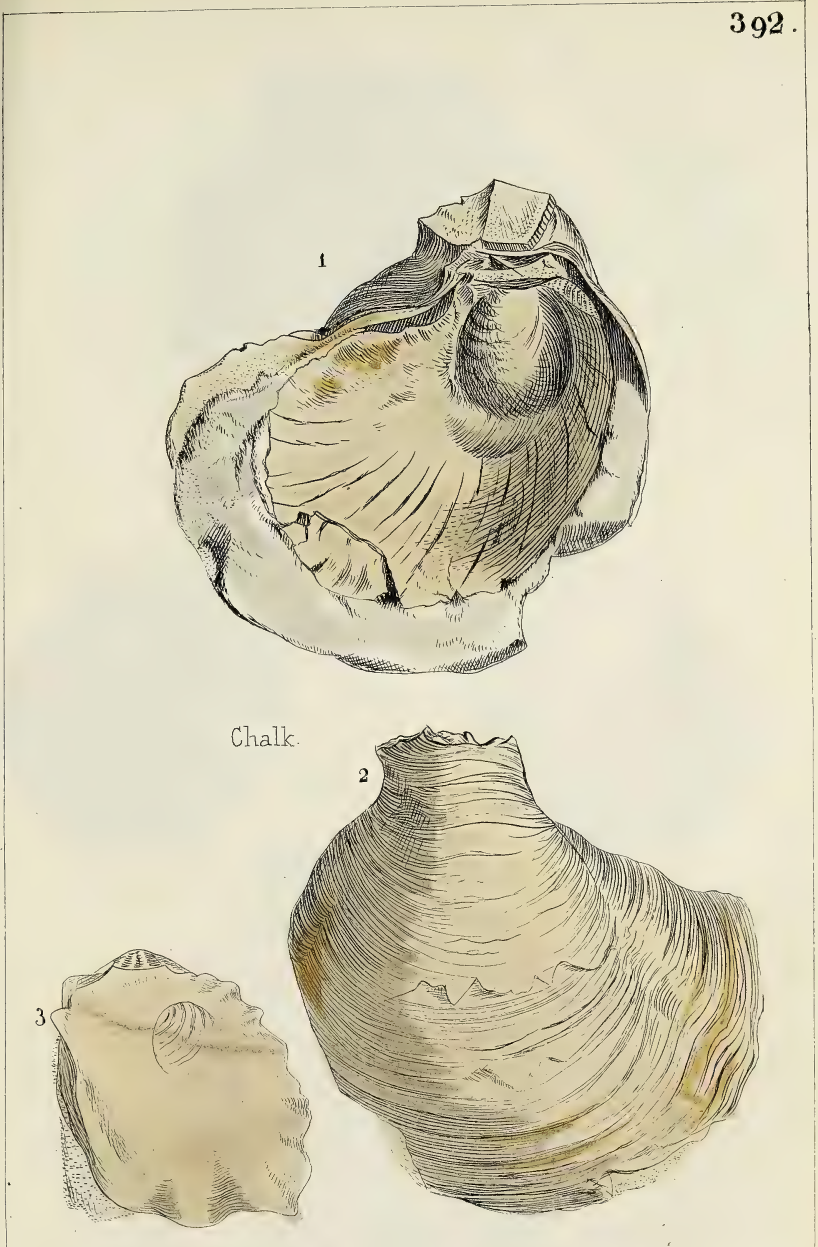
389.

390.

Tab.389 Patella striata Sow.

Tab.390. Fig.1.2 Scalaria subulata Sow.-Fig.3. S. foliacea Sow.-
Fig.4.5.6. S. minuta Sow.

Gryphaea gigantea Sow.



Gryphaea globosa Sow.

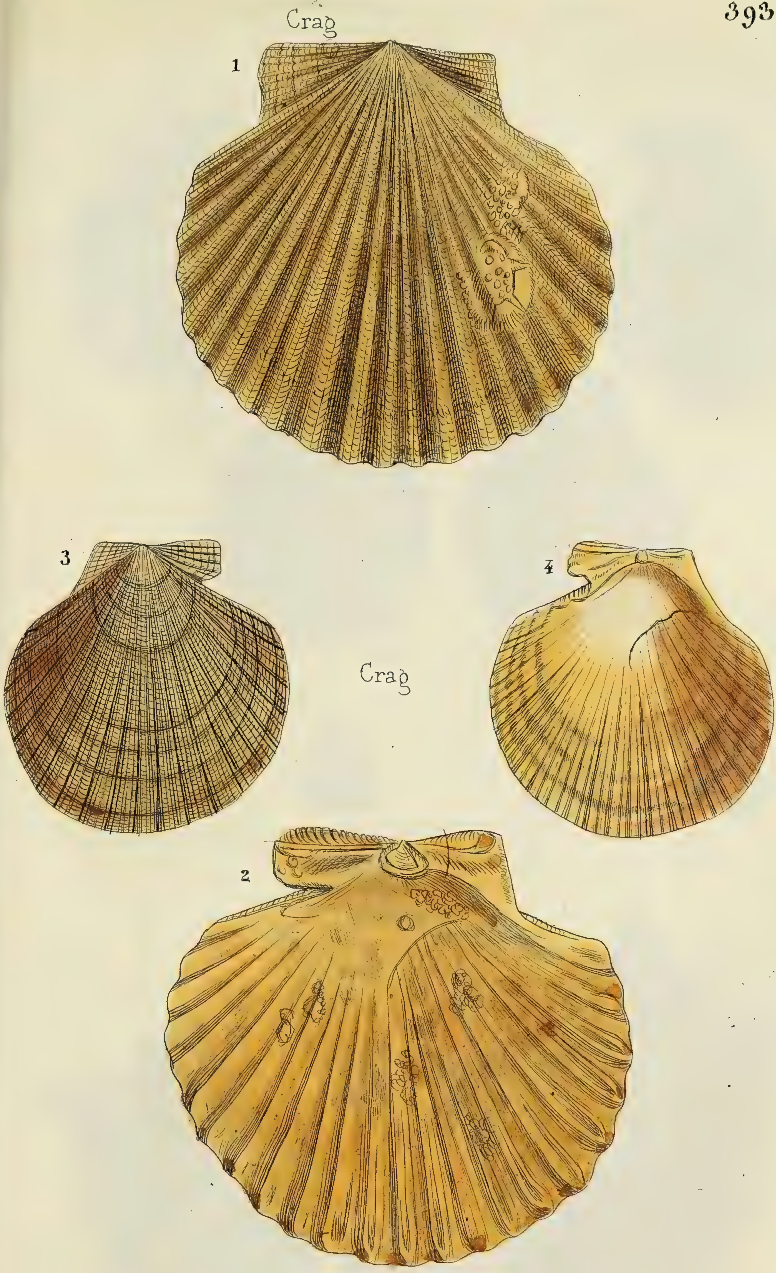
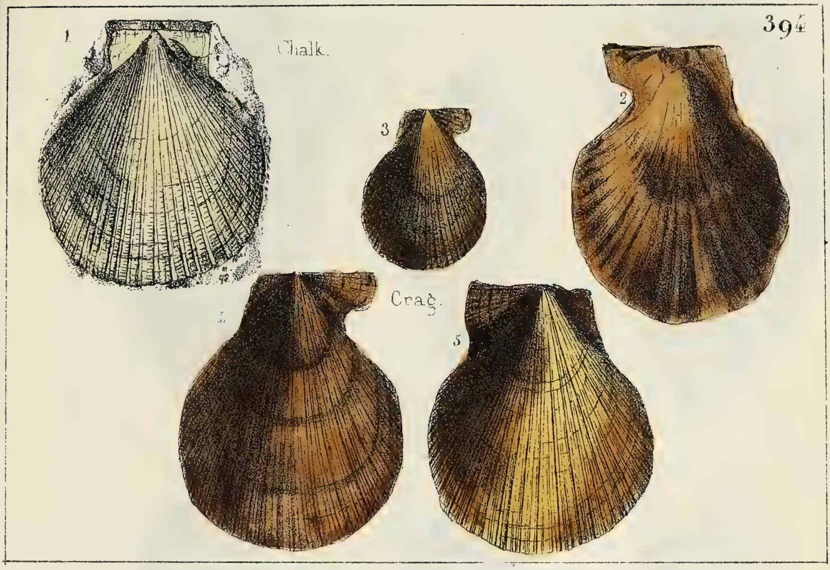
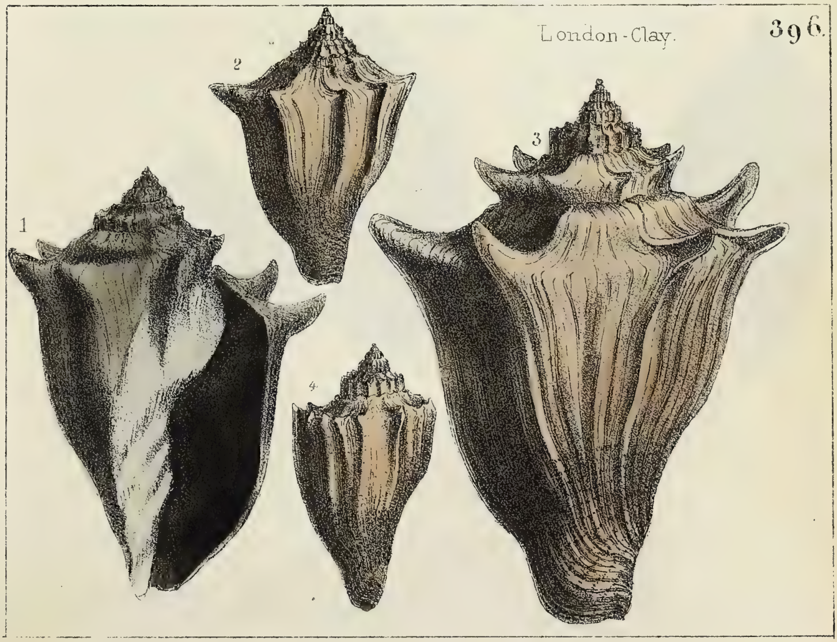
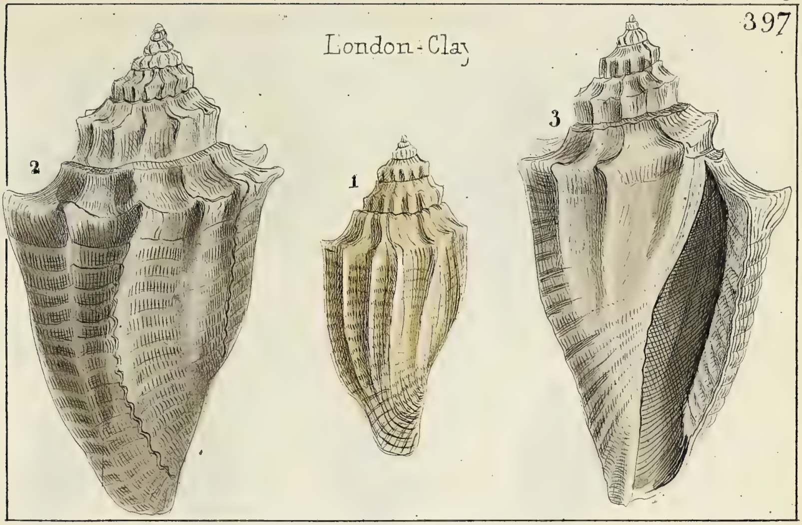


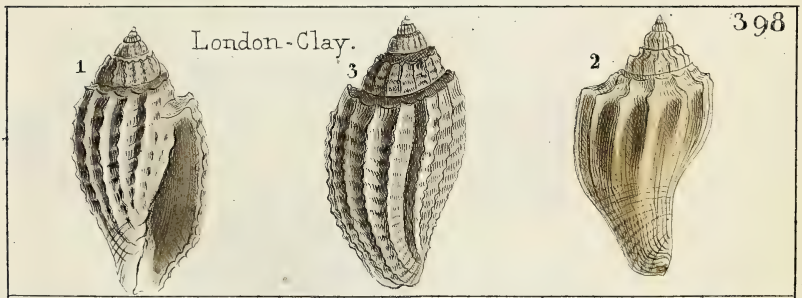
Fig. 1. 2. Pecten sulcatus Sow.
Fig. 3. 4. Pecten gracilis Sow.

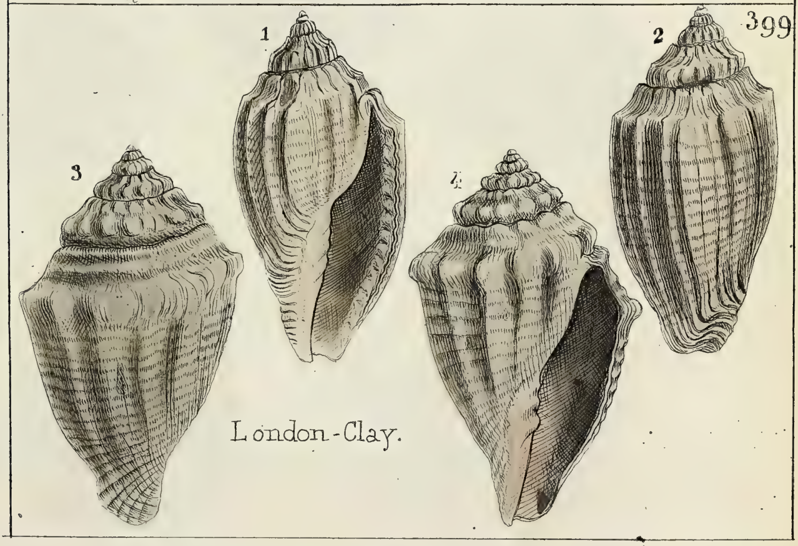




Tab 394. Fig. 1 Pecten nitidus Mant.- Fig. 2.3.4.5 P. sriatus Sow.
Tab. 395 Fig. 1.2. Turbo moniliferus Sow.- Fig. 3.4. T. sculptus Sow.
[illegible] Fig. 1.2.3. Voluta Athleta Sow.- Fig. 4. Vol. depauperata Sow.







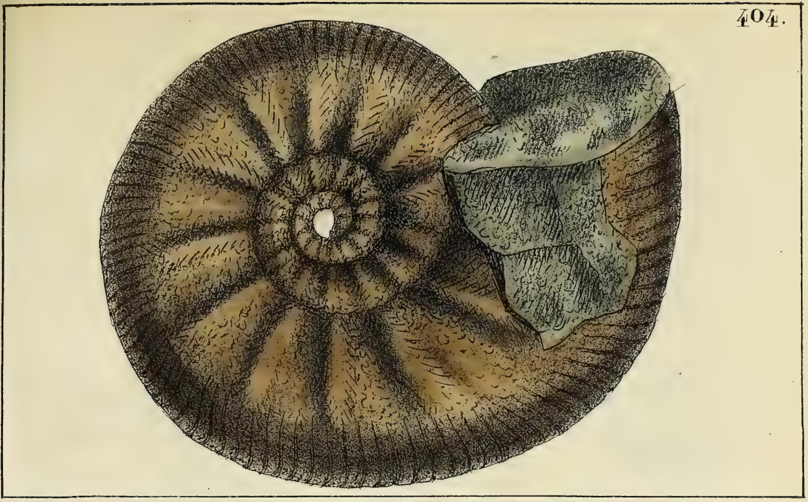
Tab. 397. Voluta Luctator Sow

Tab 398. Fig. 1. Voluta geminata Sow.- Fig. 2. 3. V. Lima. Sow.

Tab. 399. Fig 1. 2 Voluta ambigua. Sow.- Fig. 3. 4. V. nodosa. Sow.

Tab. 400 Fusus errans. Sow.
Tab. 401 Mitra scabra. Sow.
Tab. 402. Fig. 1. 2 Tellina Branderi. Sow. Fig. 3. 4. 5. T. filosa. Sow.
Tab. 403. Tellina ambigua Sow.

404.



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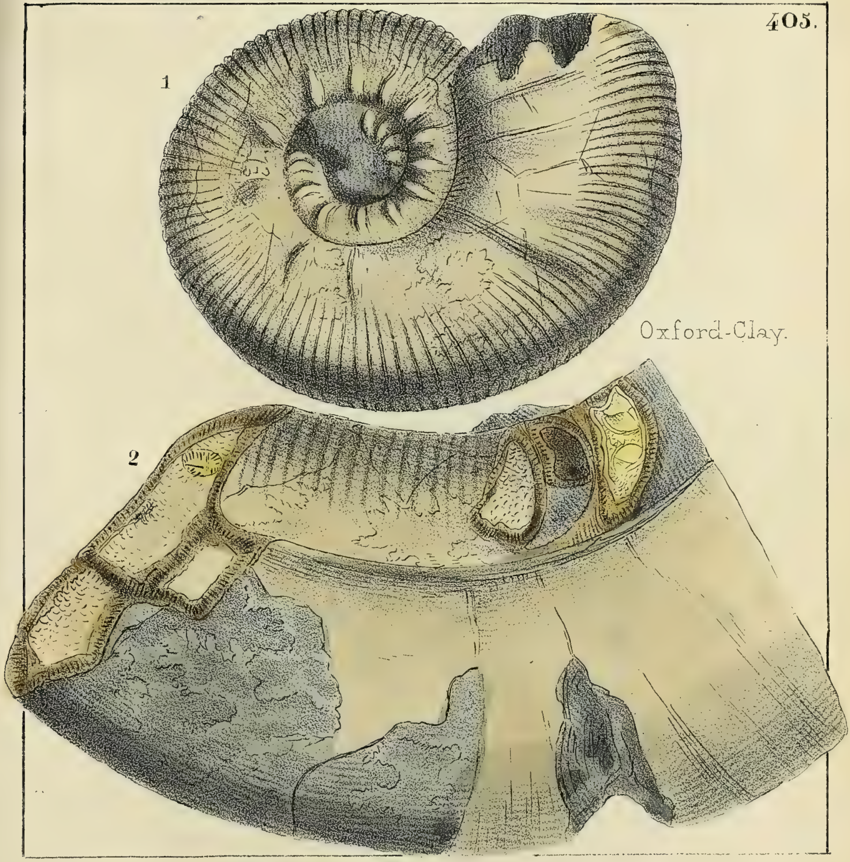
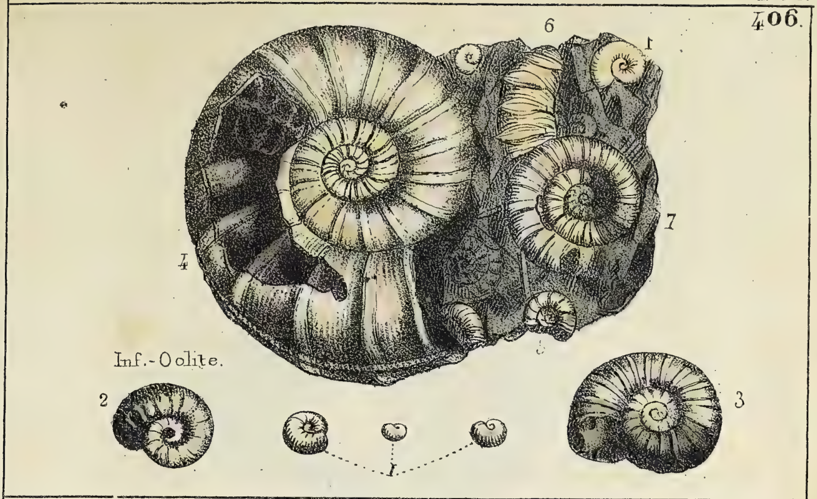
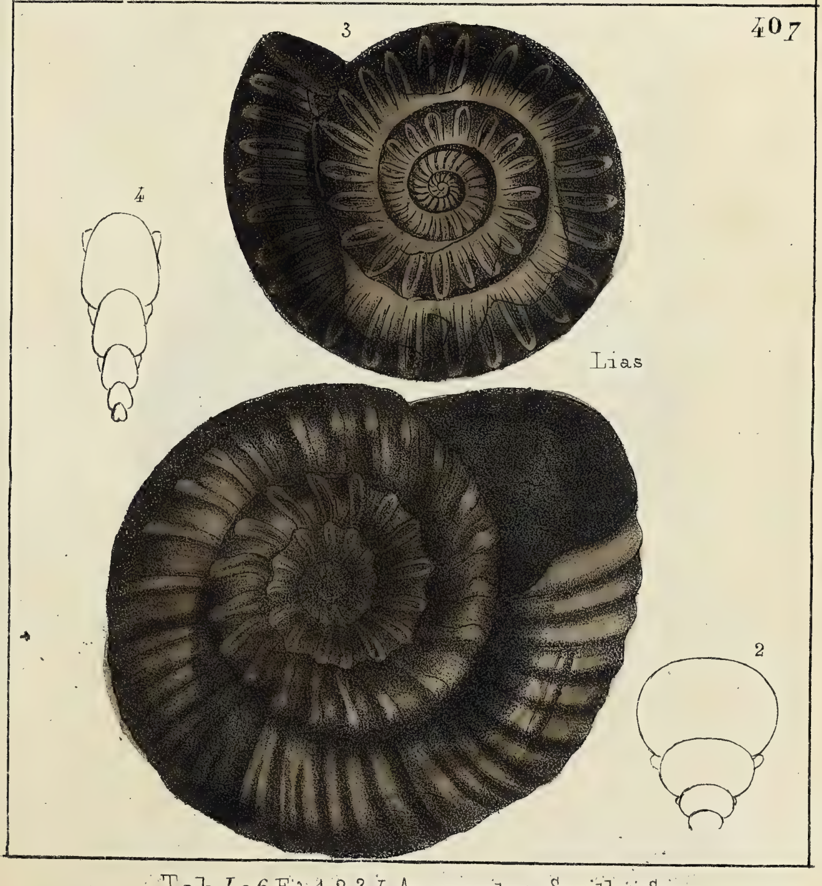


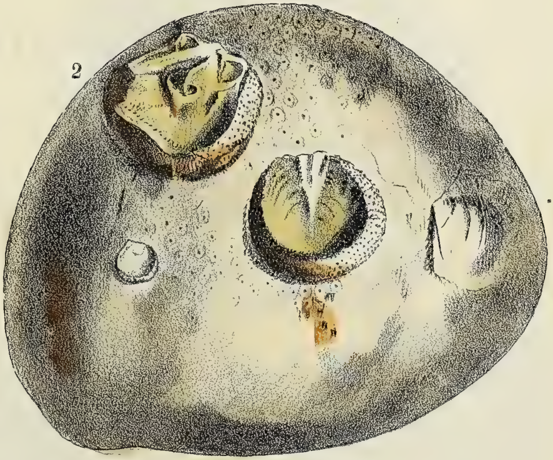
Tab. 404. Ammonites plicomphalus Sow.
Tab 405 Ammonites mutabilis Sow





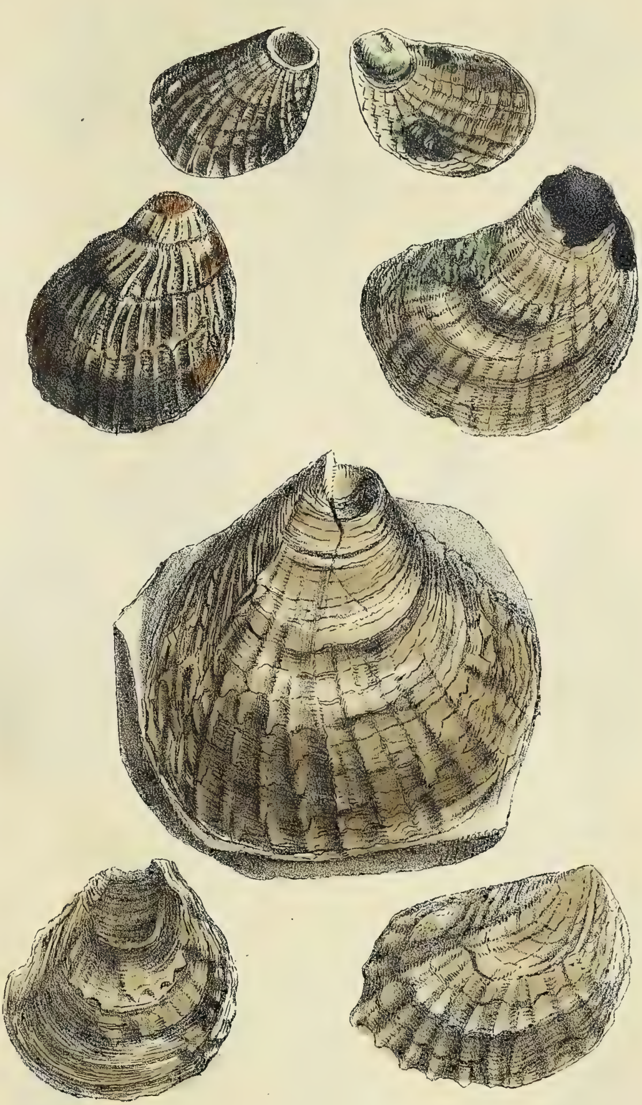
Tab. 406 Fig. 1. 2. 3. 4. Ammonites Smithii Sow.-
Fig. 5. 6. 7. Am. planicostatus Sow.
Tab. 407. Fig. 1. 2 Ammonites. subarmatus Young Bird. Fig. 3. 4 A. fibulatus Sow.

Chalk.

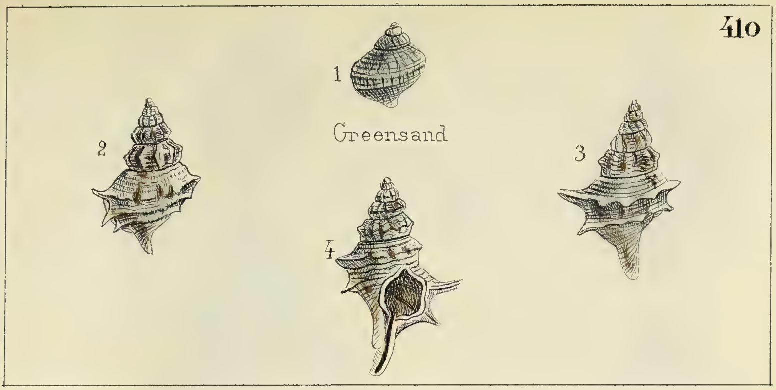


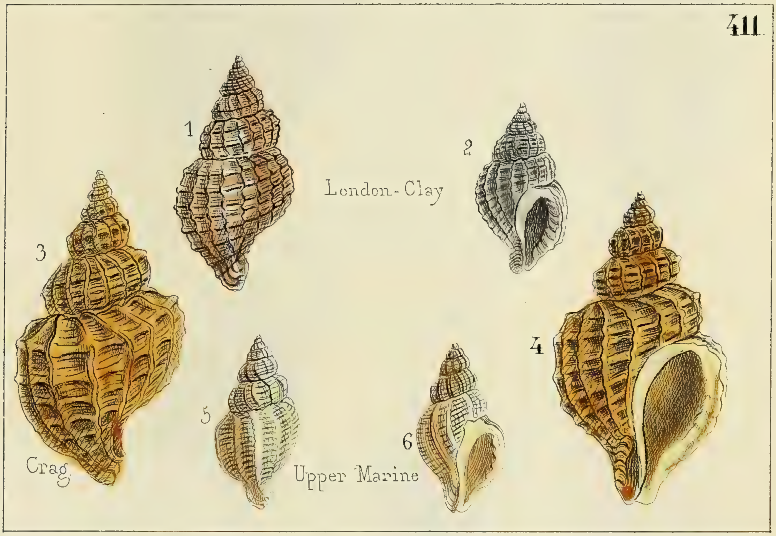
Crania Parisiensis Defr.

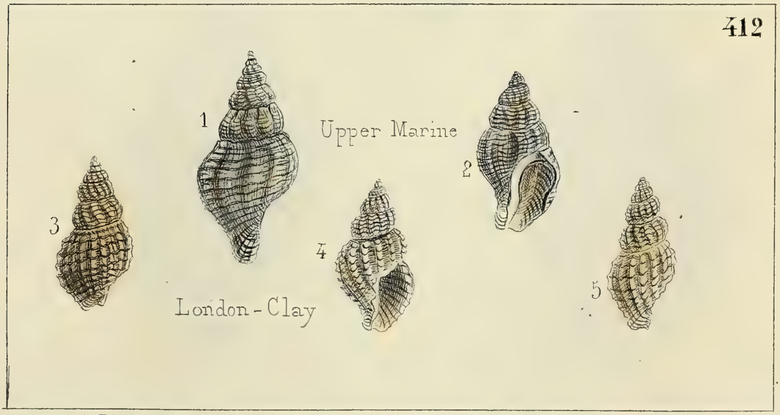
Chalk-marl.



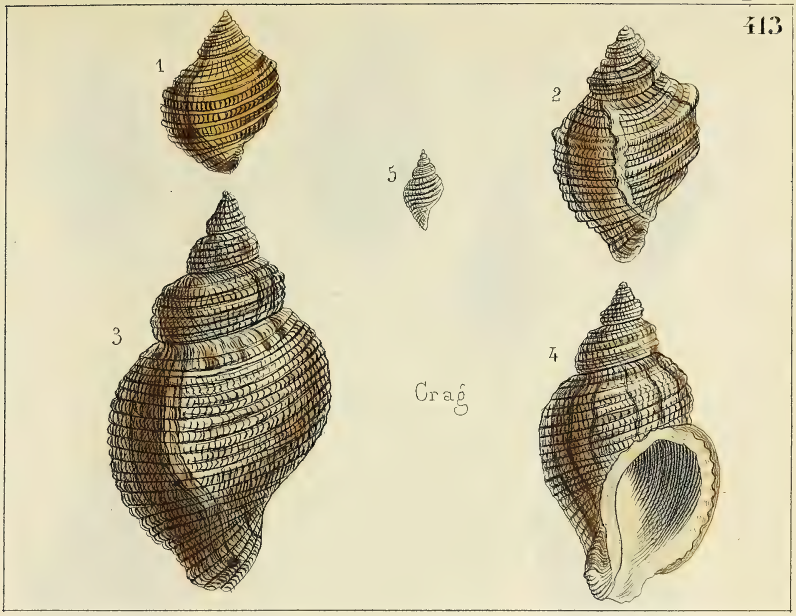
Plicatula inflata. Mantell.

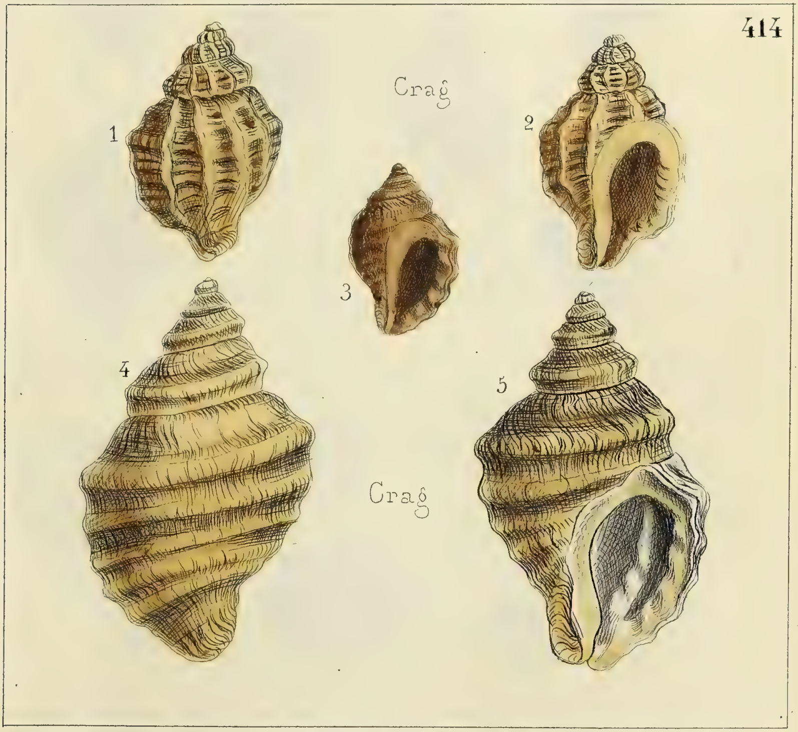






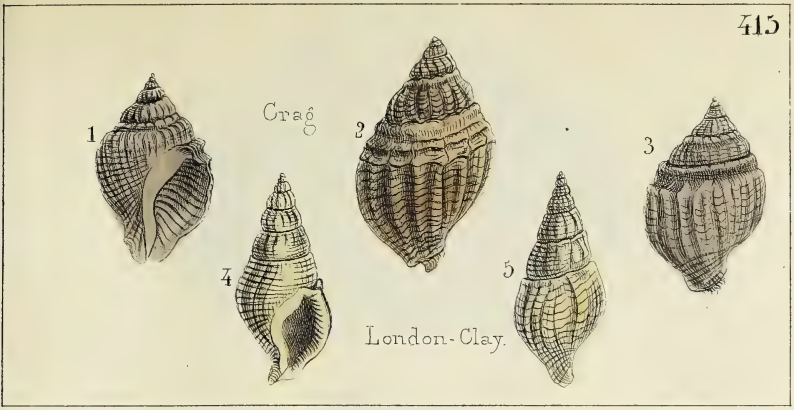
Tab. 410. Fig. 1. Murex quadratus Sow. Fig. 2. 3. 4. M. calcar Sow.
Tab. 411. Murex defossus Sow. F. 3. 4. M. alveolatus Sow. Fig. 5. 6. M. sexdentatus Sow.
Tab. 412. F. 1. 2. Buccinun labiatum Sow. Fig. 3. 4. 5. M. B. lavatum Brand.





Tab. 413. Buccinum crispatum Sow. Tab. 414. Fig. 1. 2. Buccinum tetragonum Sow.
Fig. 3. 4. 5. B. incrassatum Sow.

415



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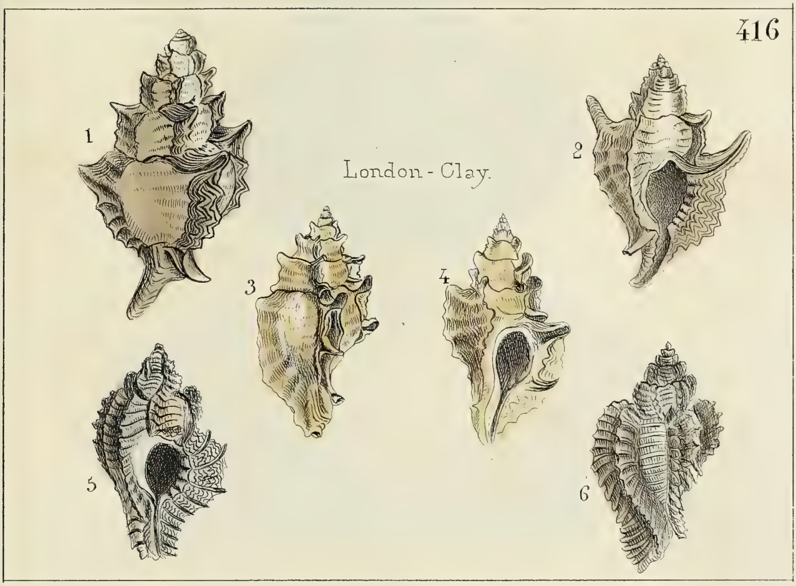

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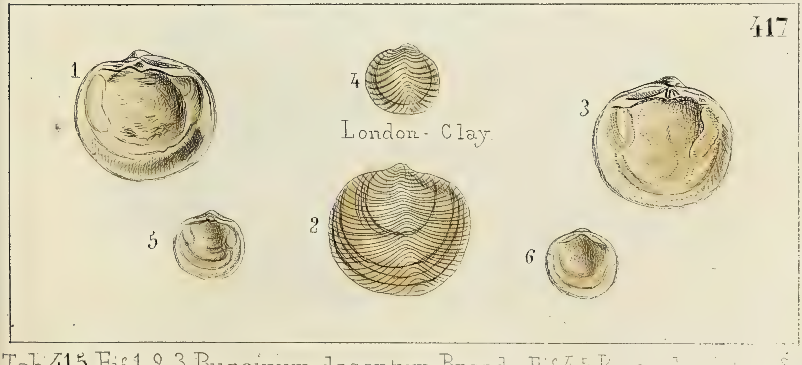
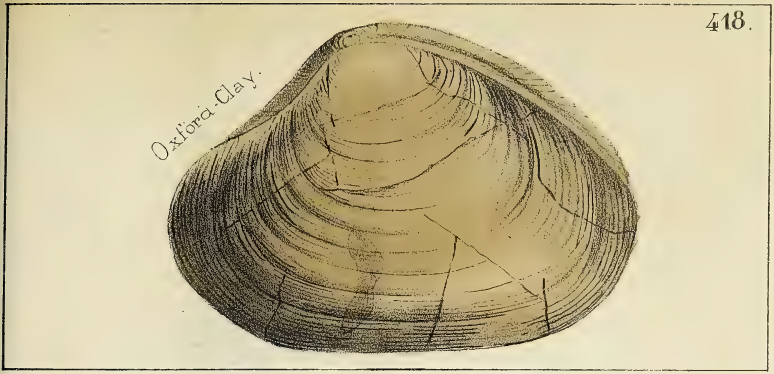
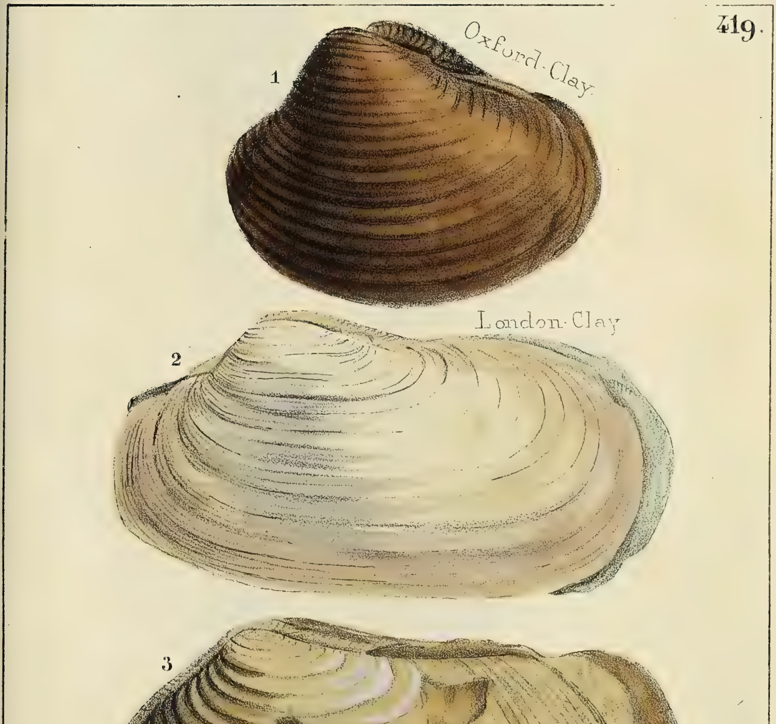


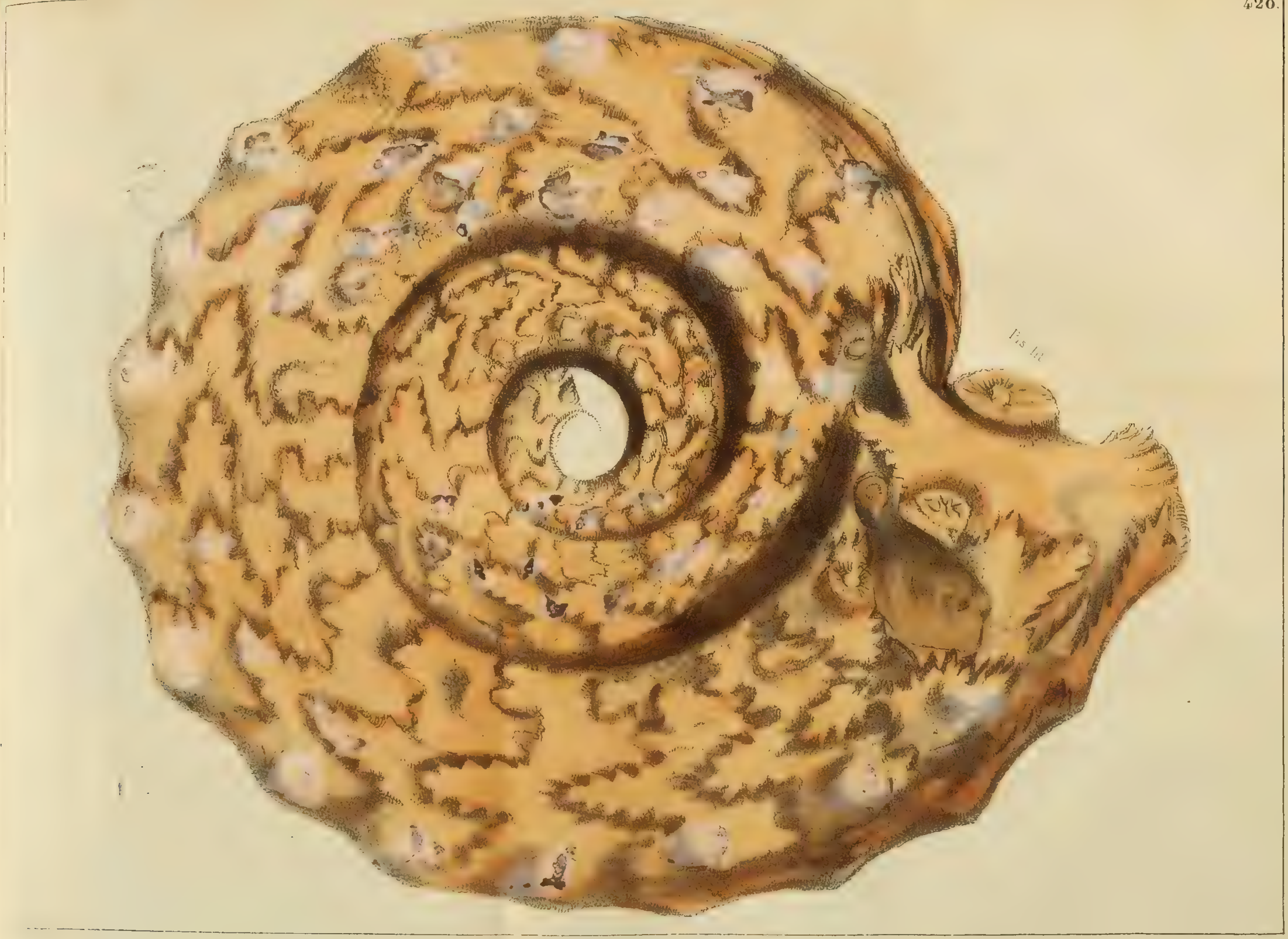
Tab. 415. Fig. 1. 2. 3. Buccinum desertum Brand. Fig. 4. 5. B. canaliculatum Sow.
Tab. 416. Fig. 1. 2. Murex tricarinatus Lam. Fig. 3. 4. M. bispinosus Sow.
Fig. 5. 6. M. frondosus Lam. Tab. 417. Lucina divaricata Lam.



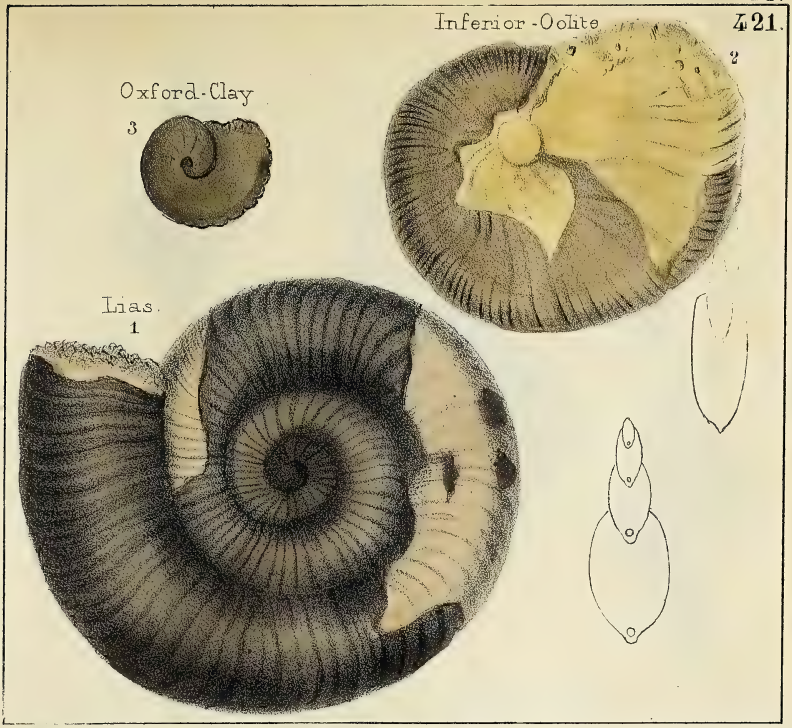


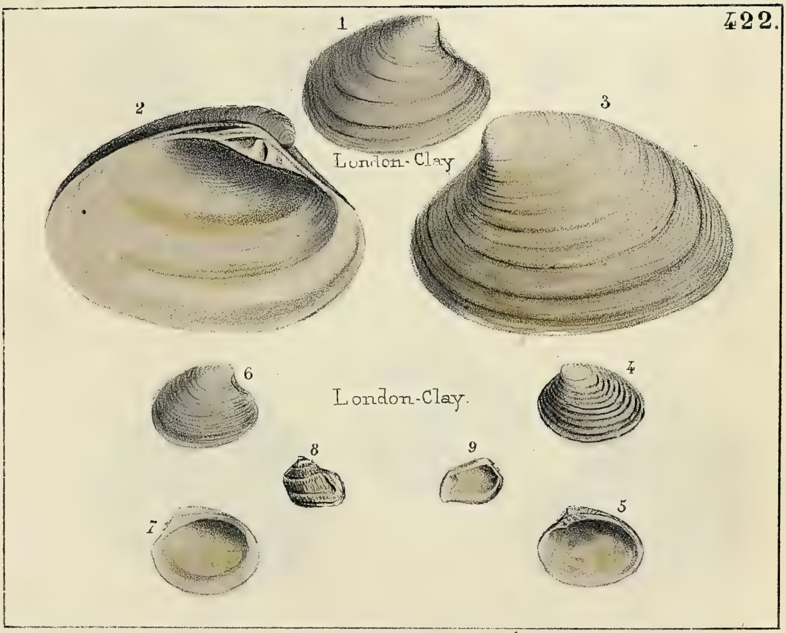
Tab. 418. Mya depressa Sow.
Tab. 419. Fig. 1. Mya gibbosa Sow.; Fig. 2. Mya intermedia Sow.
Fig. 3. Mya plicata Sow.

269.
420.



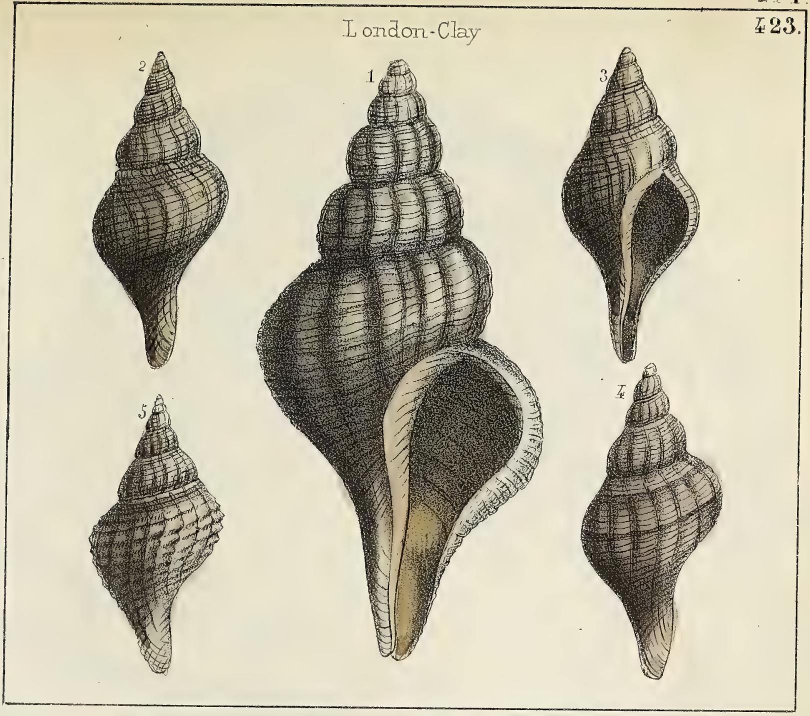
Ammonites Catena Sow

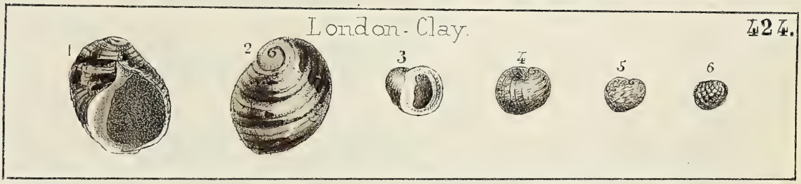


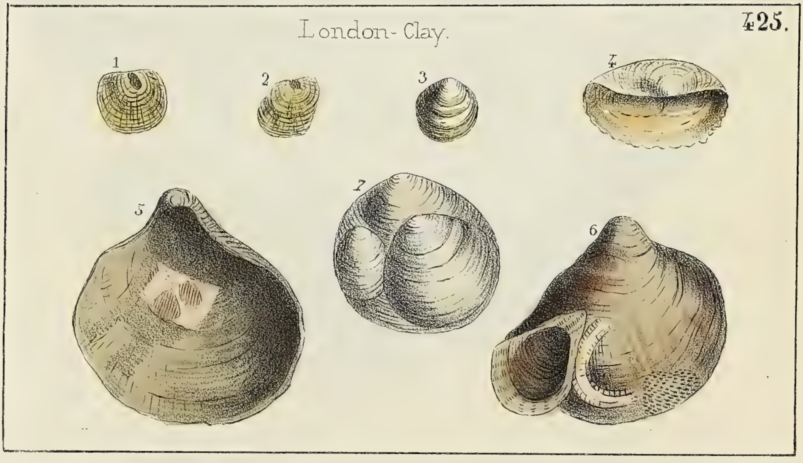


Tab. 421. Fig. 1 Ammonites striatulus Sow. - Fig. 2. Am. subradiatus Sow. - Fig. 3 Am. cristatus Defr.

Tab. 422. Fig. 1. 2. 3 Venus transversa Sow. - Fig. 4. 5. V. lineolata Sow. - Fig. 6. 7. V. elegans Sow. - Fig. 8. 9. V. pectinifera Sow.



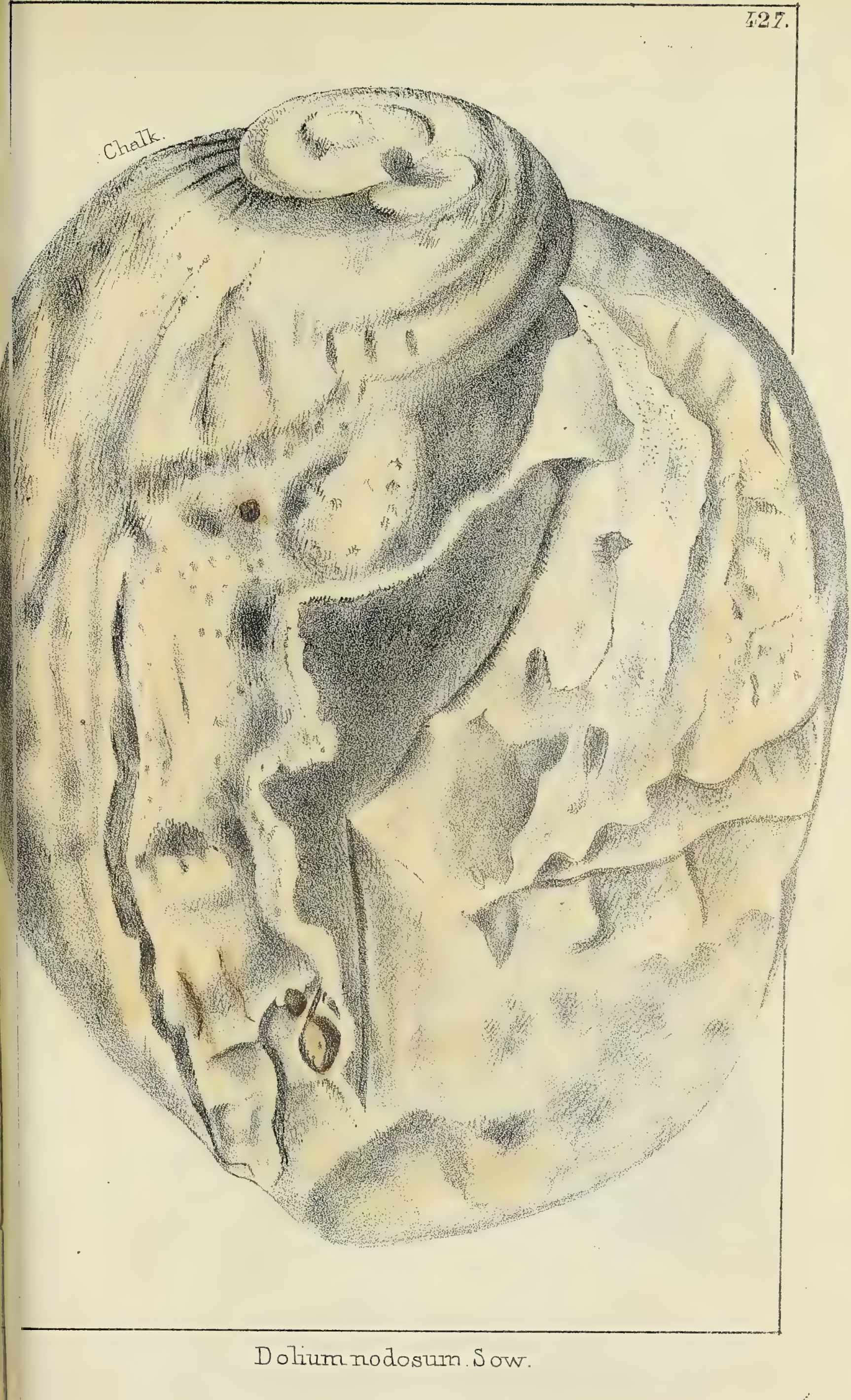




Tab. 423 Fig. 1 Fusus regularis Sow.-Fig. 2.3.4 F. complanatus Sow. Fig. 5. F. Lima Sow.
Tab. 424. Fig. 1.2 Nerita globosa Sow.-Fig. 3.4.5.6 N. aperta Sow.
Tab. 425. Anomia lineata Sow.

Dolium nodosum Sow.

427.



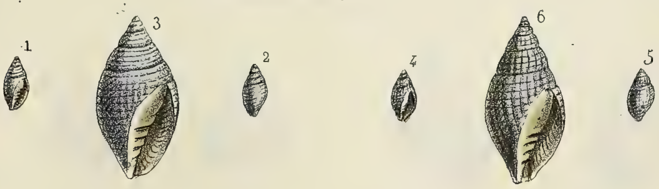
Dolium nodosum. Sow.

Fig.1.2 Cirrus perspectivus Mant.-Fig.3 C. depressus Mant.

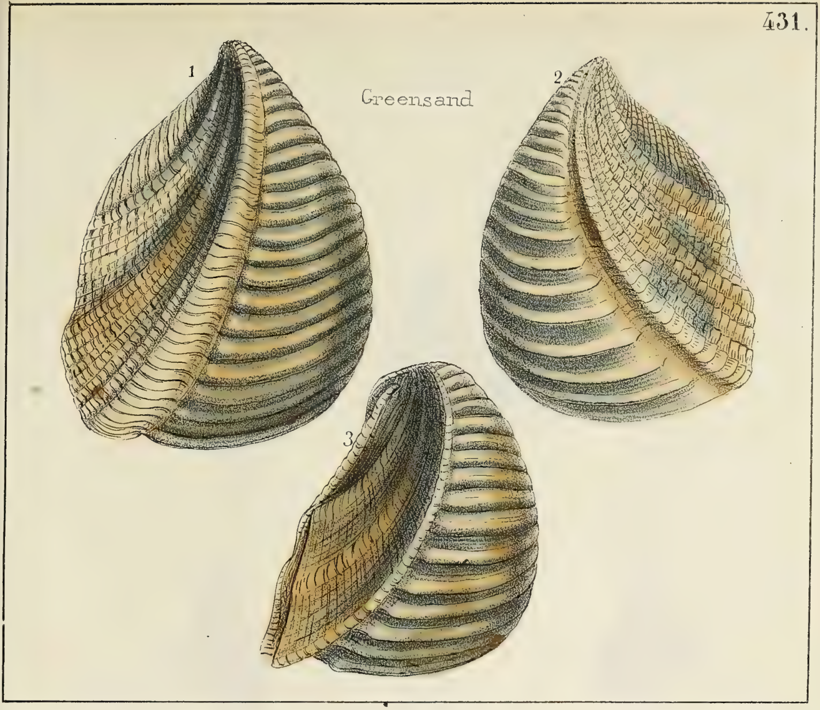
429.

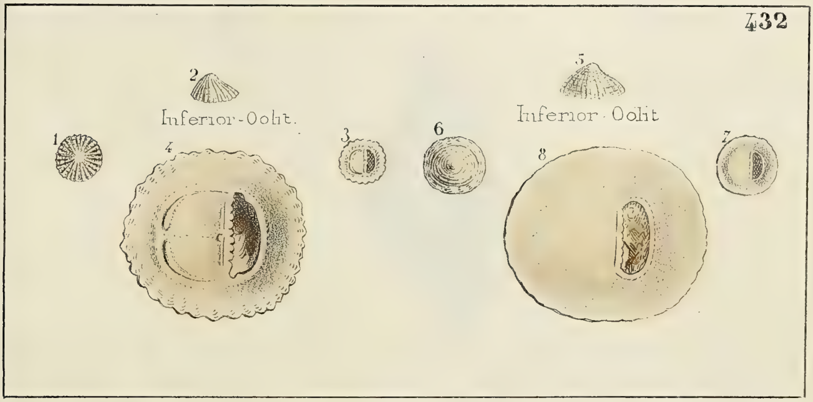
430

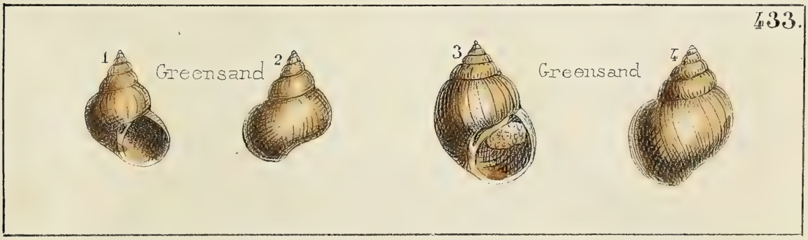
London-Clay.



Tab. 429. Fig. 1. 2 Cirrus rotundatus Sow. Fig. 3. 4. C. carinatus. Sow.
Tab. 430. Fig. 1. 2. 3 Mitra parva Sow. - Fig. 4. 5. 6 M. pumila Sow.







Tab. 431. Trigonia elongata Sow.
Tab. 432 Fig. 1-4 Pileolus plicatus Sow.- Fig. 5-8 P. laevis Sow.
Tab. 433. Fig. 1.2. Turbo conicus Sow.- Fig. 3.4. T. rotundatus Sow.

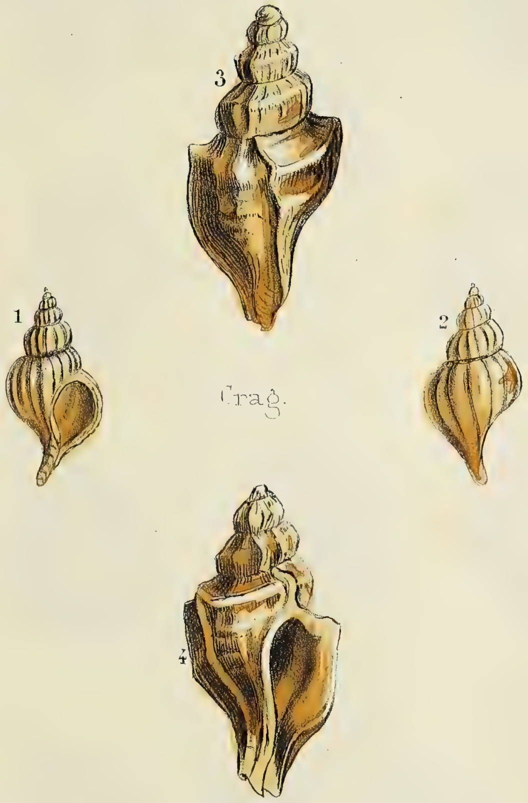


Fig. 1. 2 Murex Peruvianus Sow. - Fig. 3. 4 M. tortuosus. Sow.

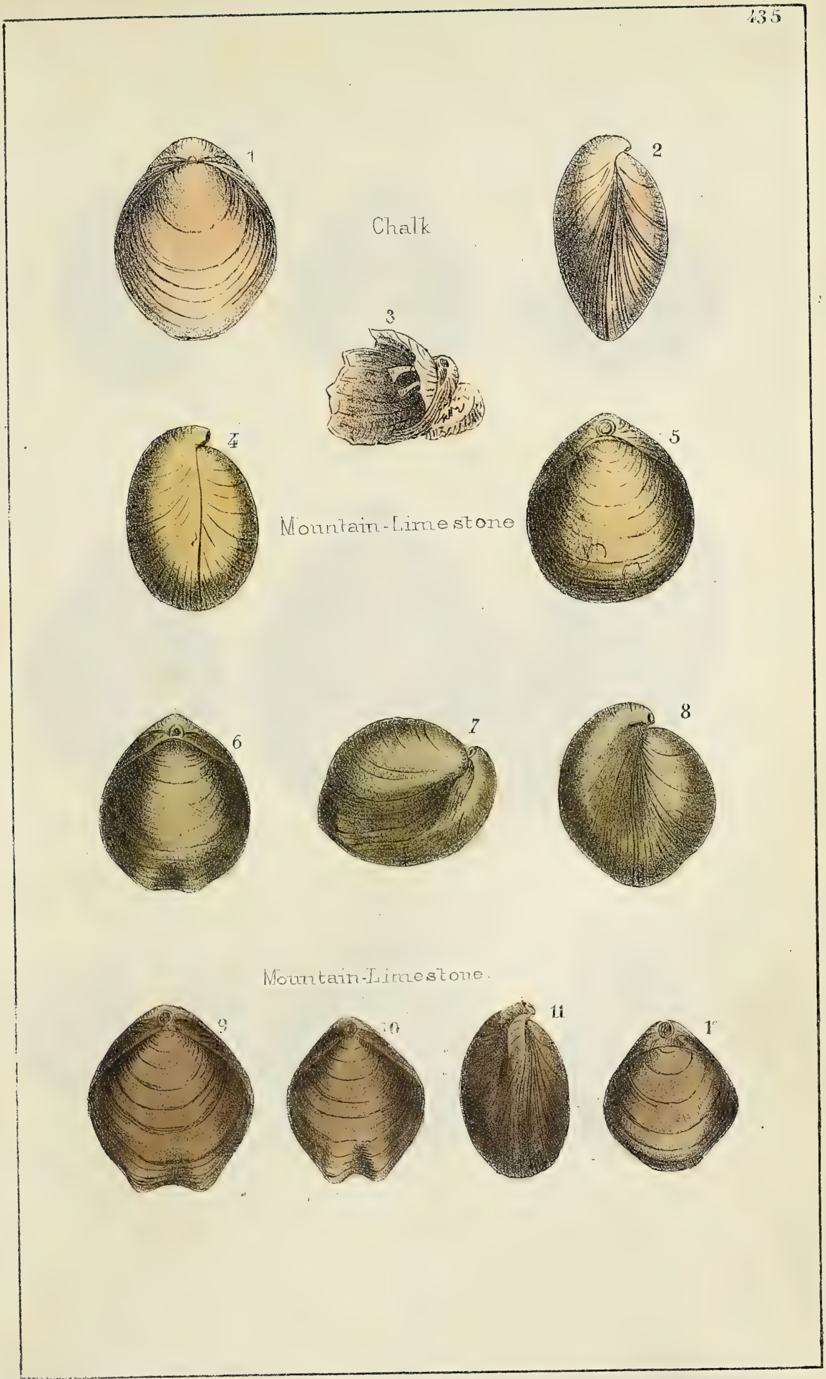


Fig. 1. 2. 3. Terebratula elongata Sow.- Fig. 4. 5. T. sphaeroidalis Sow.-
Fig. 6. 7. 8 T. bullata Sow.- Fig. 9. 10. 11. 12. T. emarginata Sow.-

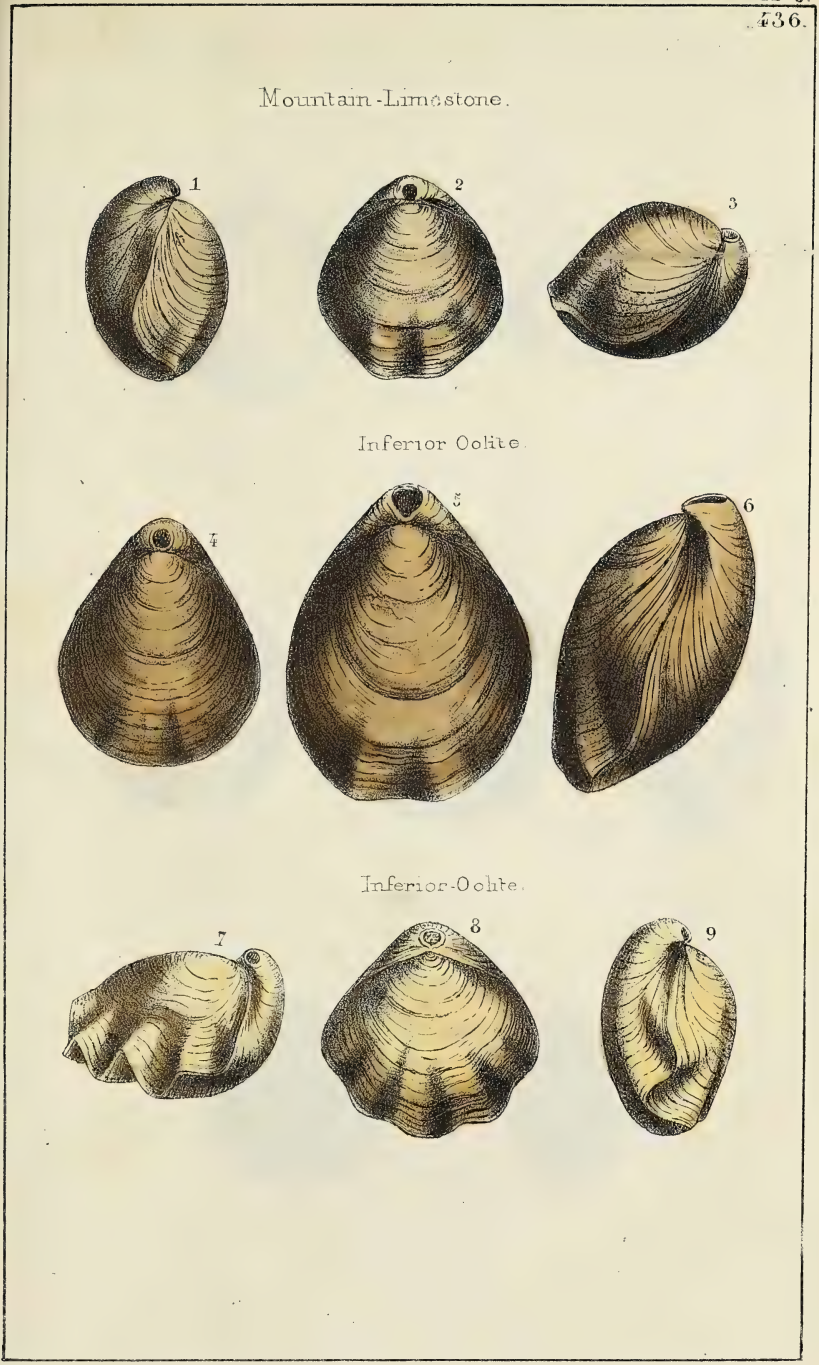
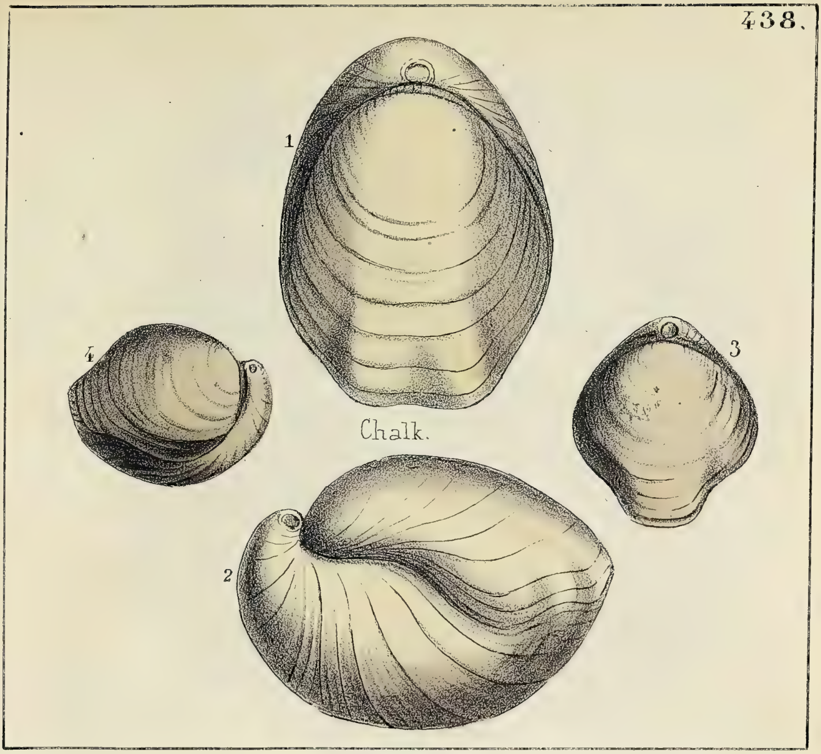
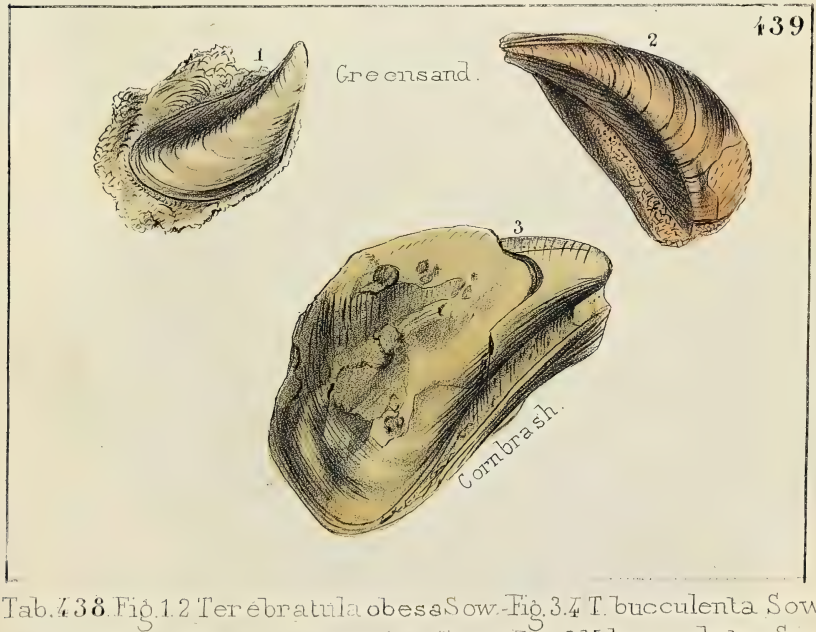


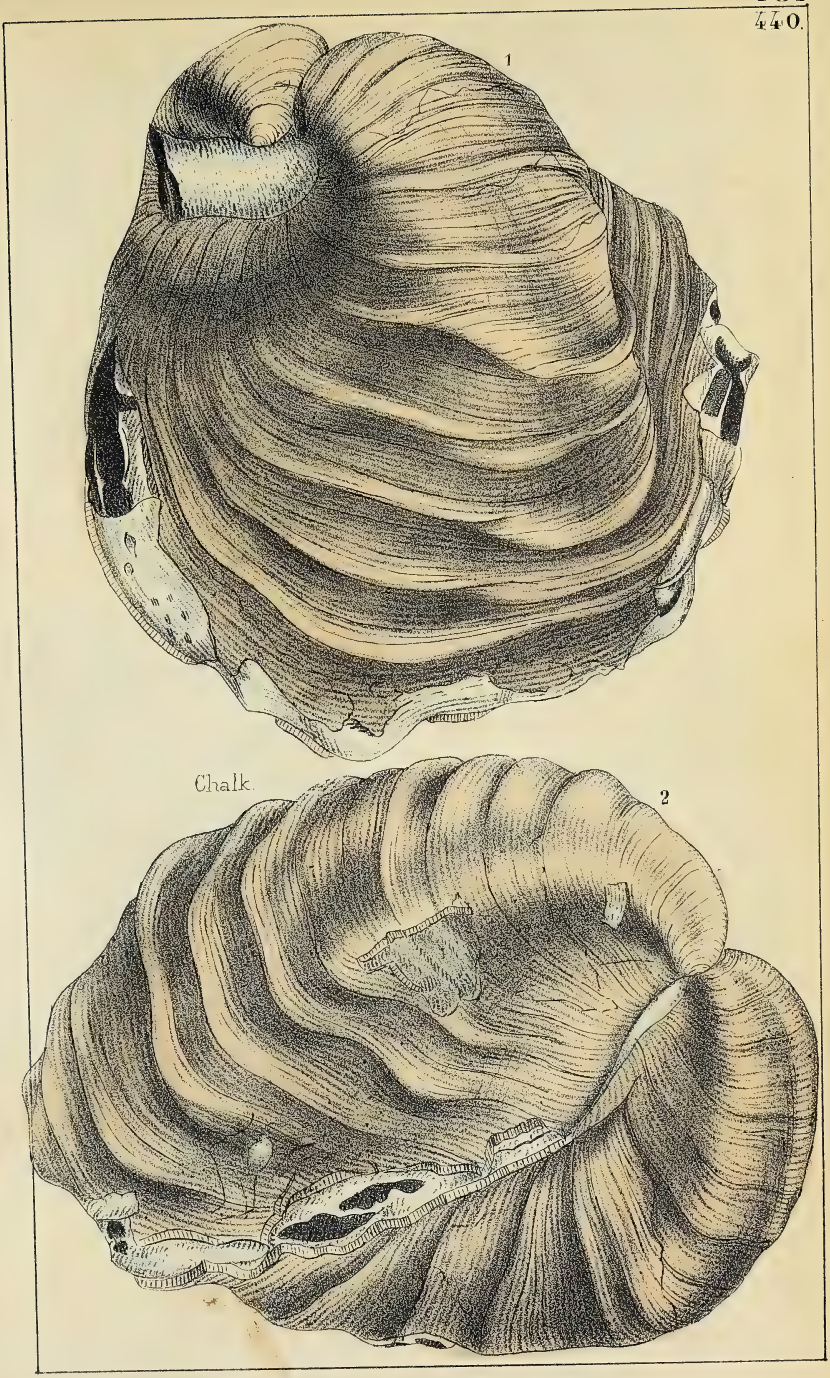
Fig. 1. 2. 3 Terebratula globata Sow.-Fig. 4. 5. 6 T. Perovalis Sow.
Fig. 7. 8. 9 T. maxilata Sow.

Tab. 437. Fig. 1. 2. Terebratula Sella Sow.-Fig. 6. 7. T. obtusa Sow.-
Fig. 3. 4. 5 Terebratula.....





Tab. 438. Fig. 1. 2 Terebratula obesa Sow. - Fig. 3. 4 T. bucculenta Sow.
Tab. 439. Fig. 1 Mytilus edentulus Sow. - Fig. 2 M. lanceolatus Sow. -
Fig. 3 M. sublaevis Sow. -



Inoceramus cordiformis Sow.

441.

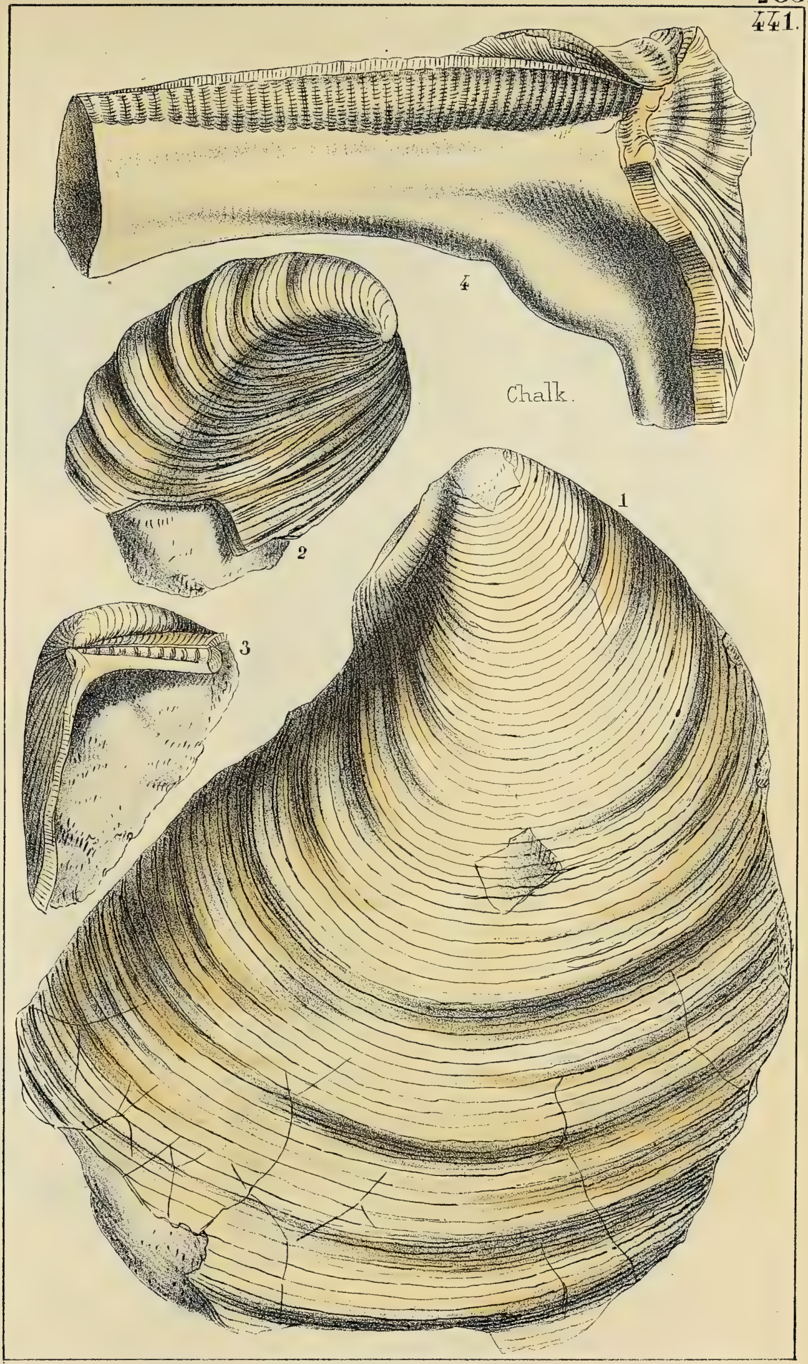
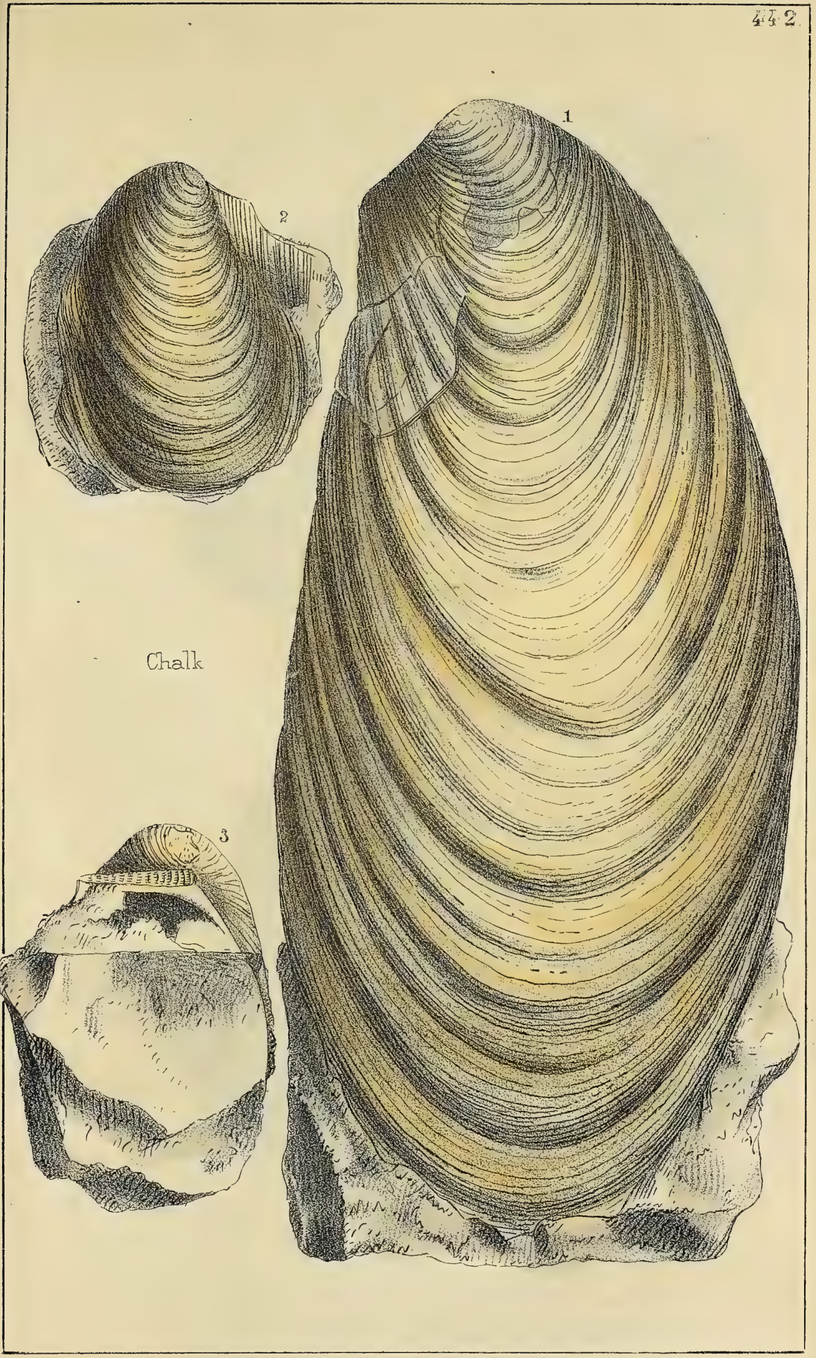
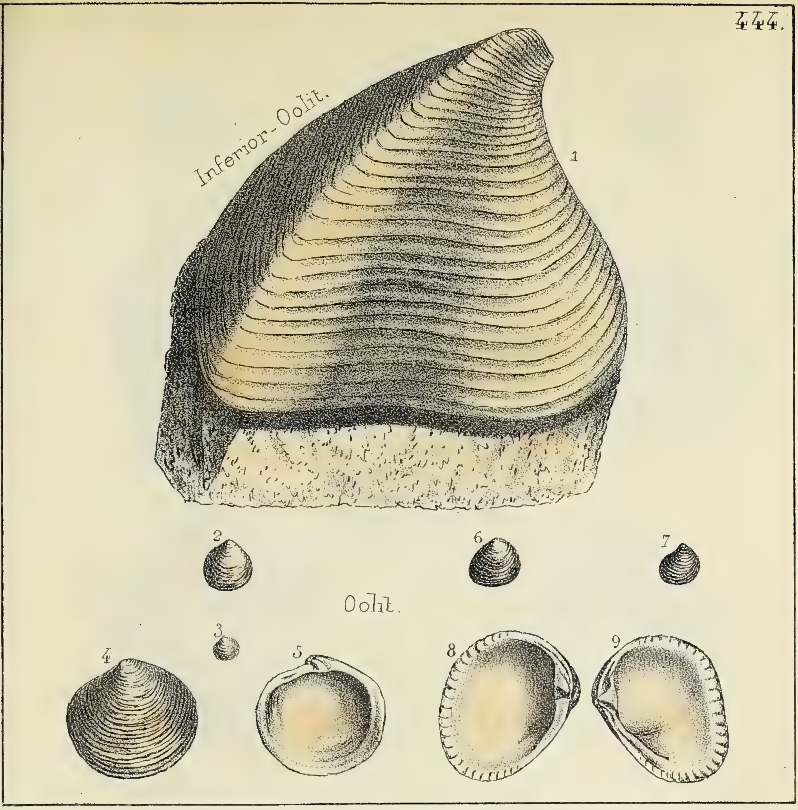


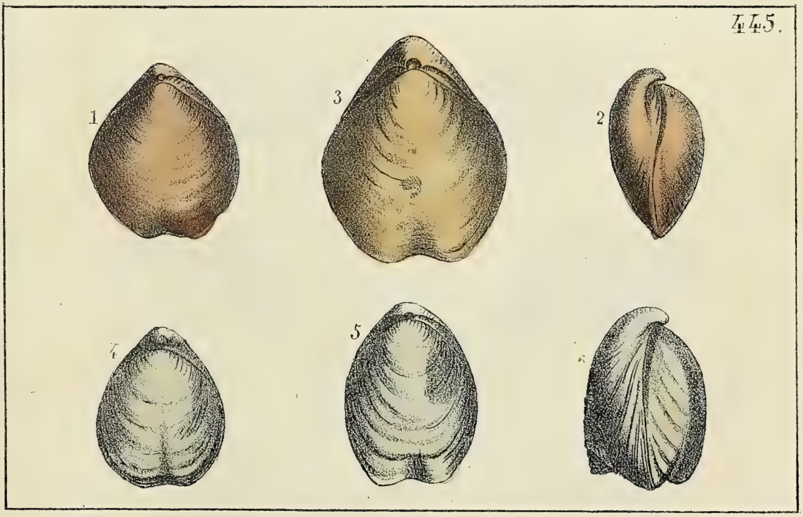
Fig. 1. Inoceramus Cuvieri Sow.- Fig. 2.3.4 I. Brongniarti Mant.



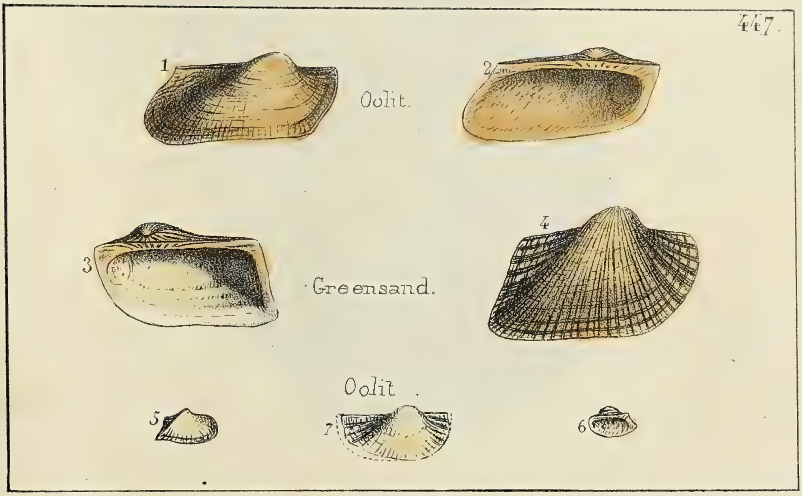
Inoceramus mytiloïdes Mant.

Crenatula ventricosa Sow.



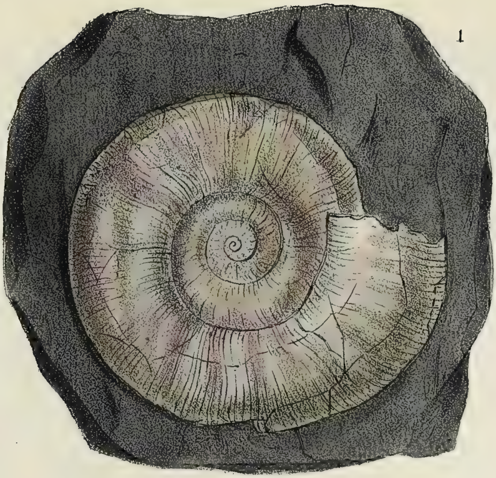


Tab. 444. Fig. 1. Astarte trigonalis Sow. Fig. 2-5. A. orbicularis Sow.
Fig. 6-9. A. pumila Sow.
Tab. 445. Fig. 1-3. Terebratula triquetra Sow. Fig. 4-6. T. indentata Sow.



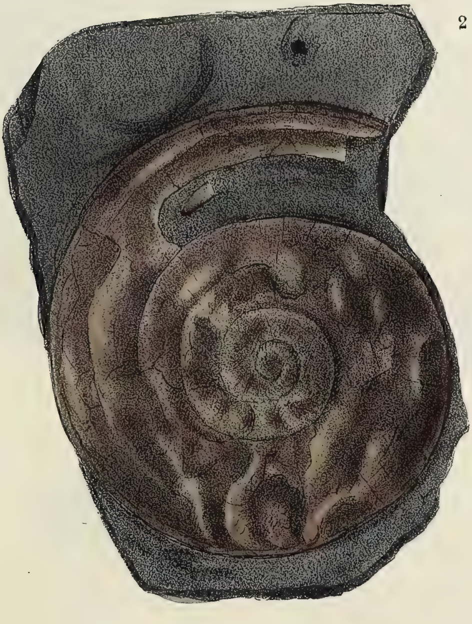
Tab. 446. Fig. 1-3 Terebratula Sacculus Sow.- Fig. 4.- 6 T. hastata Sow.
Fig. 7. 8 T. cornuta Sow.-
Tab. 447. Fig. 1 2 Cucullaea elongata Sow. Fig. 3. 4. C. costellata Sow.-
Fig. 5. 6 C. minuta Sow.- Fig. 7. C. cornuta Sow.

1



Lias

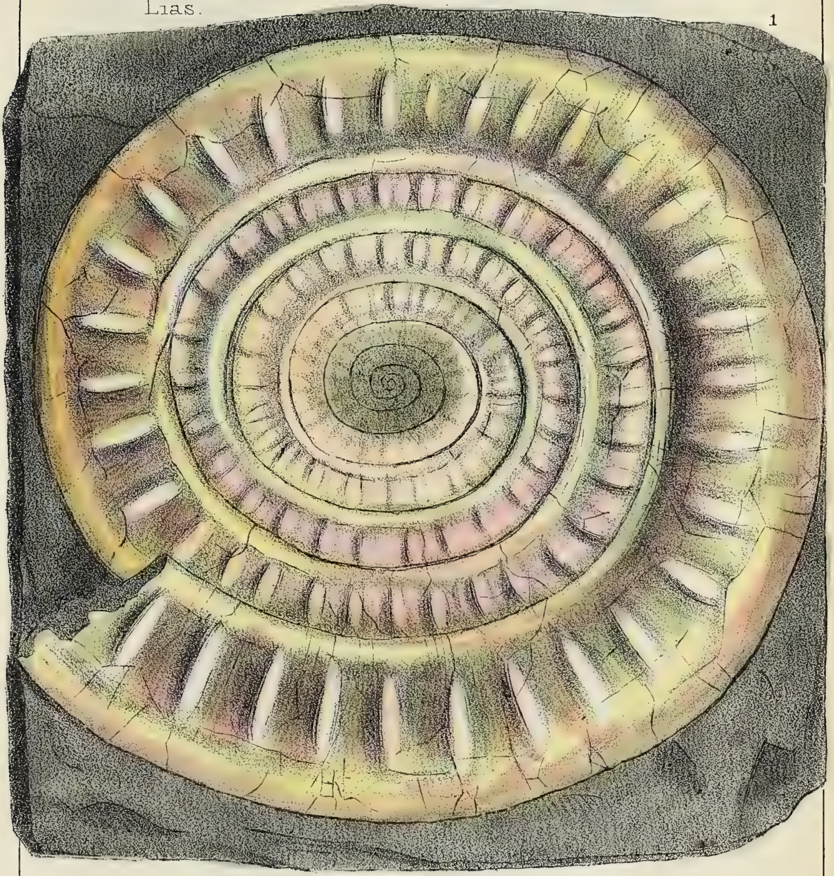
2



Ammonites planorbis Sow.

Lias.

1



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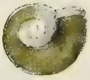
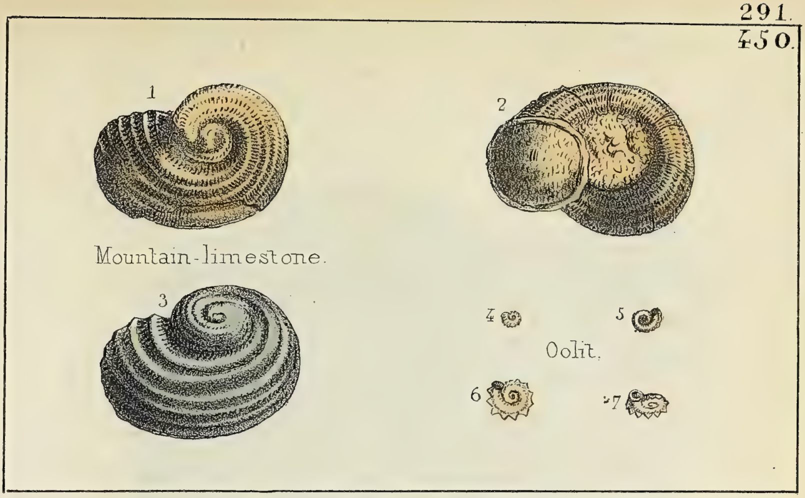
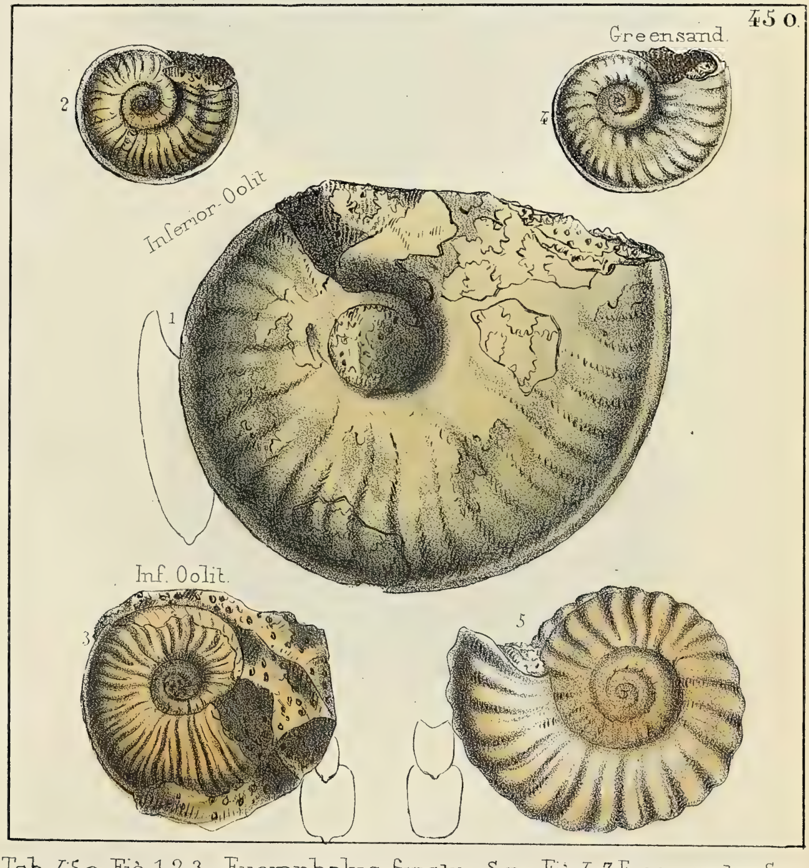


4

Fig. 1. Ammonites Johnstoni Sow. Fig. 2. 3. 4. Am. parvus Sow.





Tab. 45o. Fig. 1. 2. 3 Euomphalus funatus Sow. Fig. 4-7. E. coronatus Sow.
Tab. 451. Fig. 1. 2 Ammonites laeviusculus Sow. Fig. 3. Am. corrugatus Sow.
Fig. 4. 5 A. varicosus Sow.

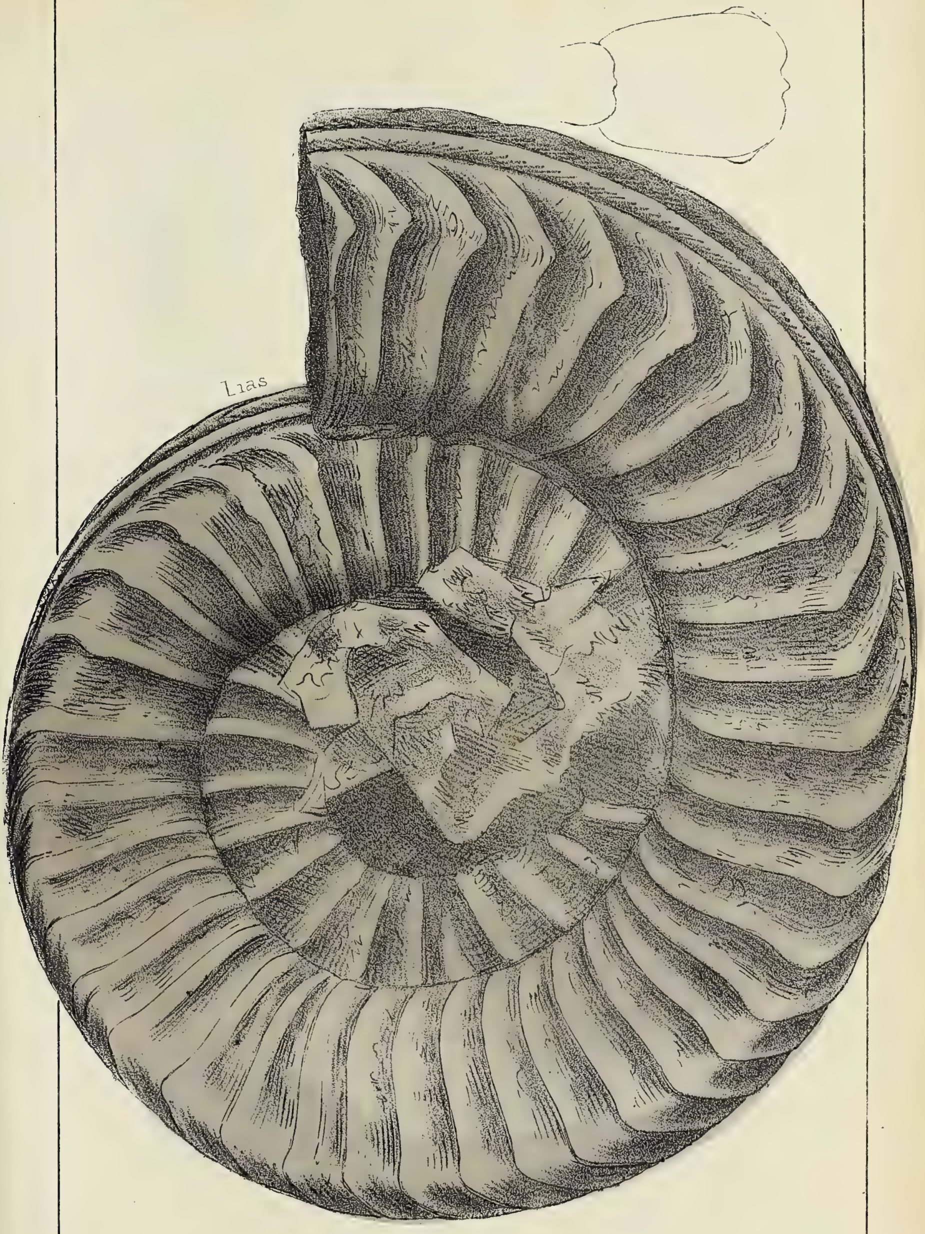
1

Lias.

2

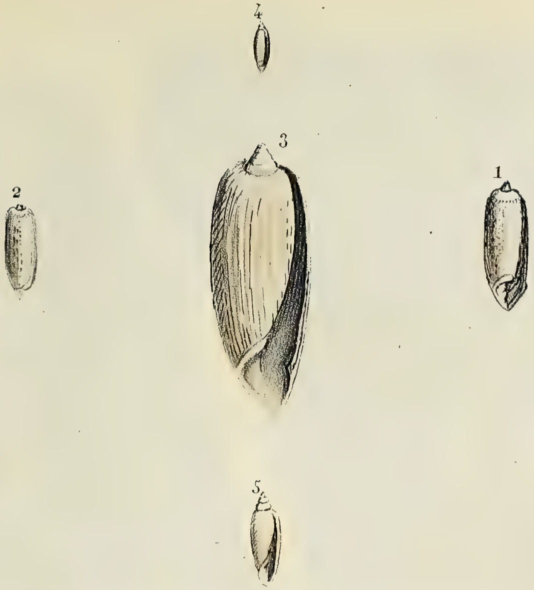
Ammonites Turneri Sow.

Ammonites rotiformis Sow.

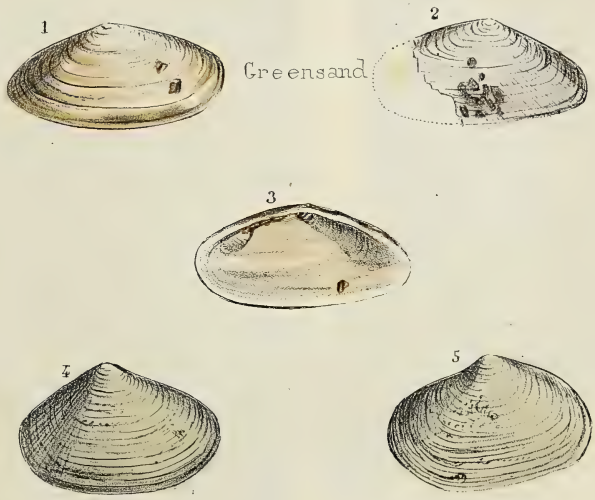


Ammonites multicostatus Sow.

455.

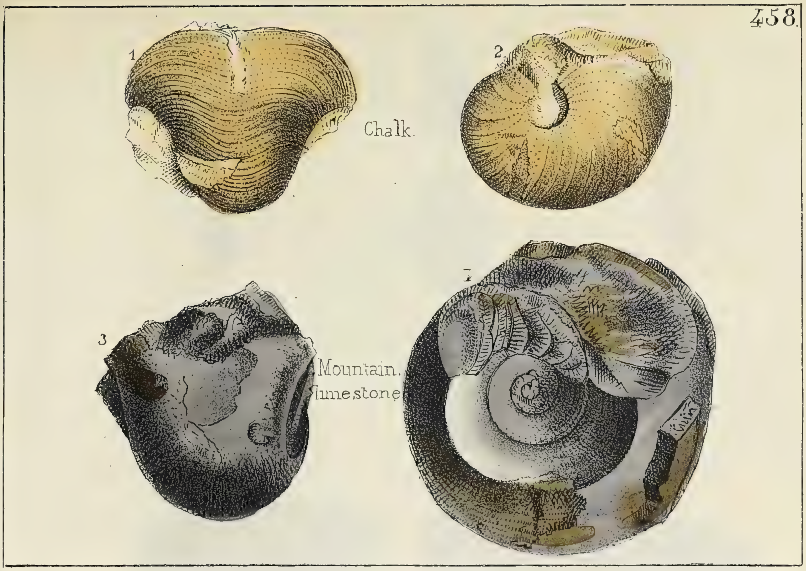


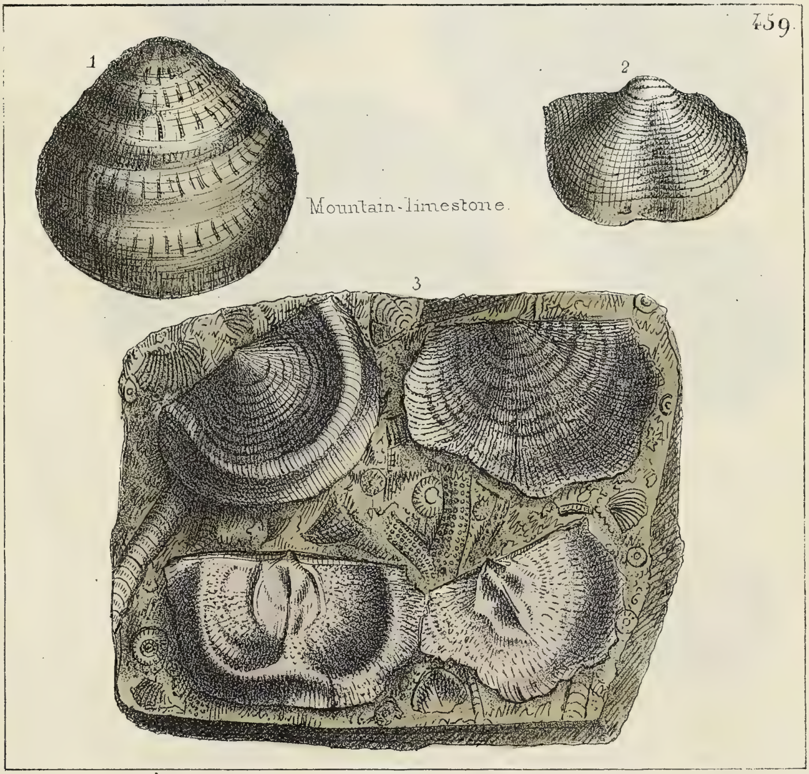
456.



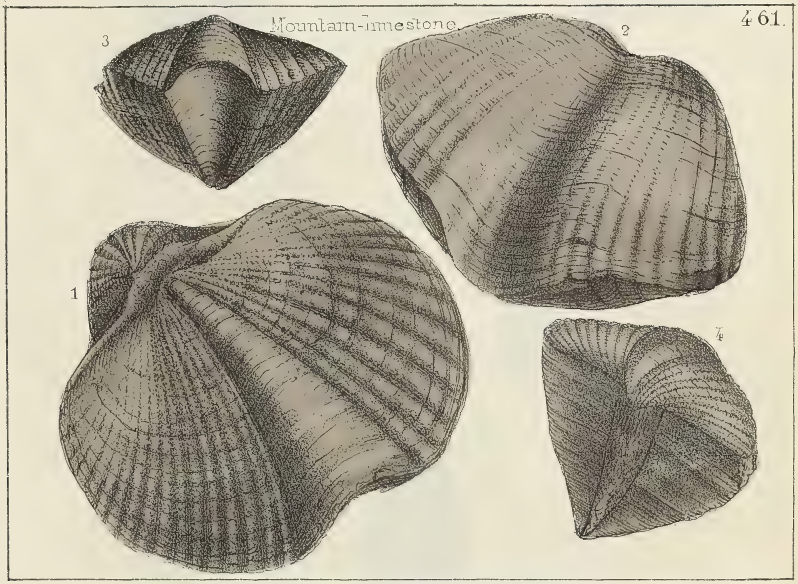
Tab. 455. Fig. 1-3. Acteon cuspidatus Sow.- Fig. 4.5. A. acutus Sow.-
Tab. 456. Fig. 1.2.3. Tellina striata Sow.- Fig. 4.5. T. inaequalis Sow.

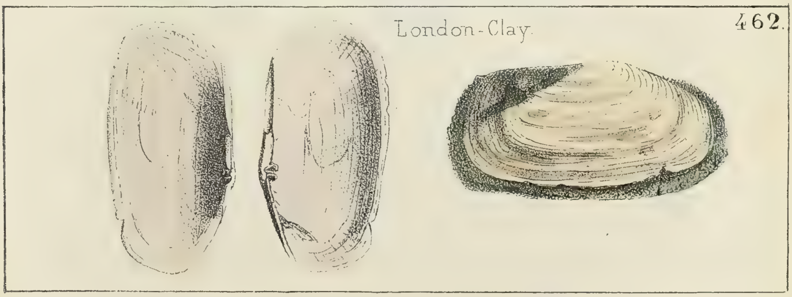
Orthocera paradoxica Sow



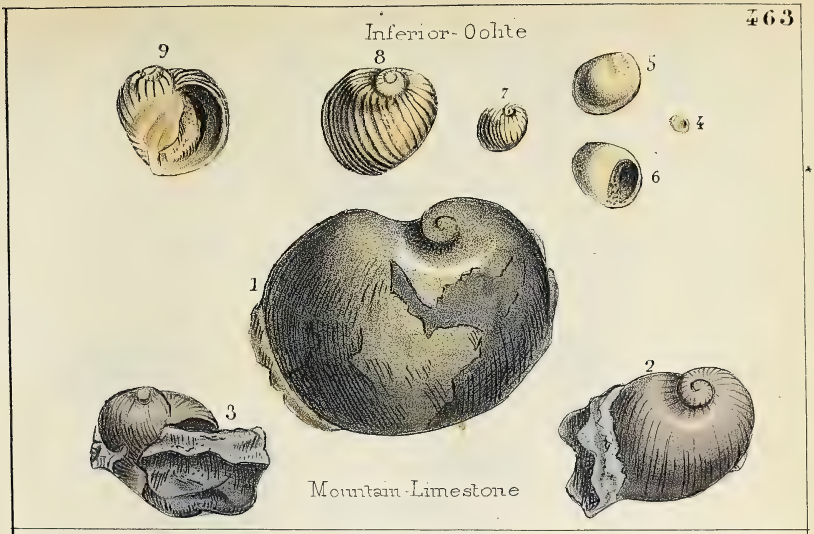


Tab. 458. Fig. 1. 2 Nautilus expansus Sow.- Fig. 3. 4 N. biangulatus Sow.
Tab. 459. Fig. 1 Productus fimbriatus Sow.- Fig. 2. P. plicatilis Sow.- Fig. 3. P. depressus Sow.



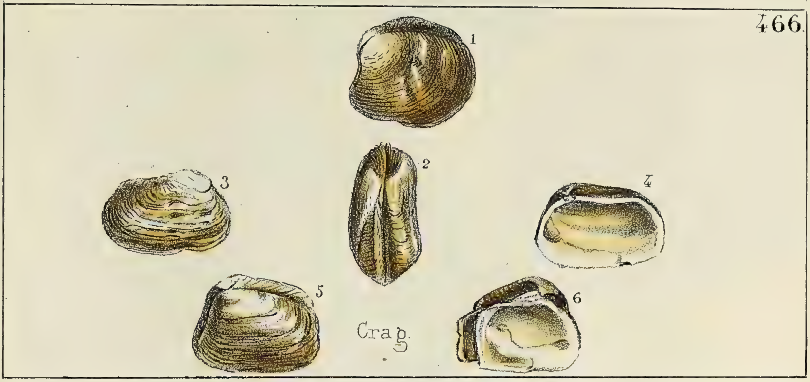


Tab. 460. Fig. 1-3 Acteon crenatus Sow.- Fig. 4-6 A. striatus Sow.- Fig. 7-9 A. elongatus Sow.
Tab. 461. Fig. 1. 2 Spirifer rotundatus Sow.- Fig. 3. 4. S. cuspidatus var. Sow.
Tab. 462. Sanguinolaria compressa Sow.



Tab. 463. Fig. 1. 2. 3 Nerita spirata Sow.- Fig. 4. 5. 6 N. minuta Sow.
Fig. 7. 8. 9 N. costata Sow.

Tab. 464 Fig. 1. 2. Bulla convulata. Brocchi.- Fig. 3. 4. B. constricta Sow.
Fig. 5. 6. B. attenuata. Sow.-Fig. 7. B. filosa Sow.-Fig. 8. 9. B. acuminata Sow.
Fig. 10. 11. B. elliptica Sow.



Tab. 465. Fig. 1. 2. 3 Auricula ventricosa Sow: Fig. 4. 5. 6 A. buccina Sow.
Tab. 466 Saxicava rugosa Lam.
Tab. 467. Myoconcha crassa Sow

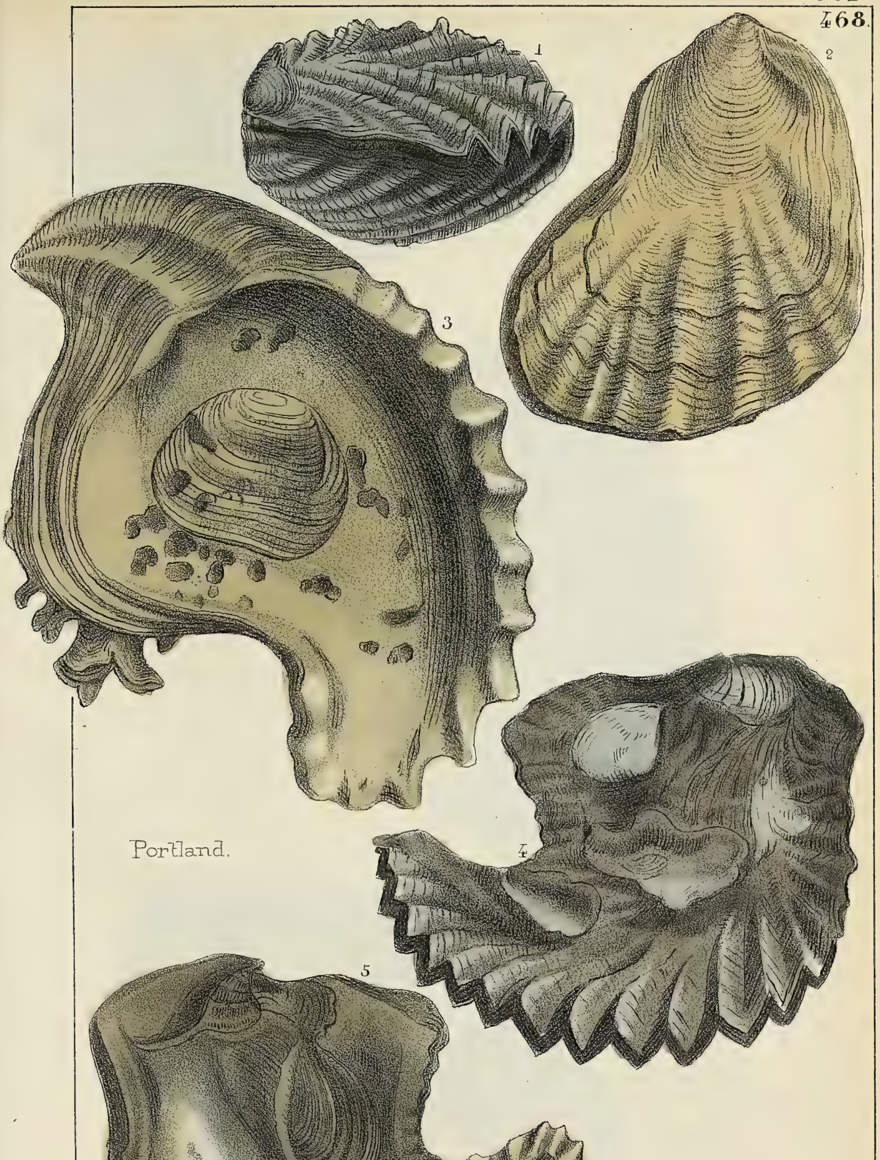


Fig.1.2. Ostrea solitaria Sow.- Fig.3.4.5 O. macroptera Sow.

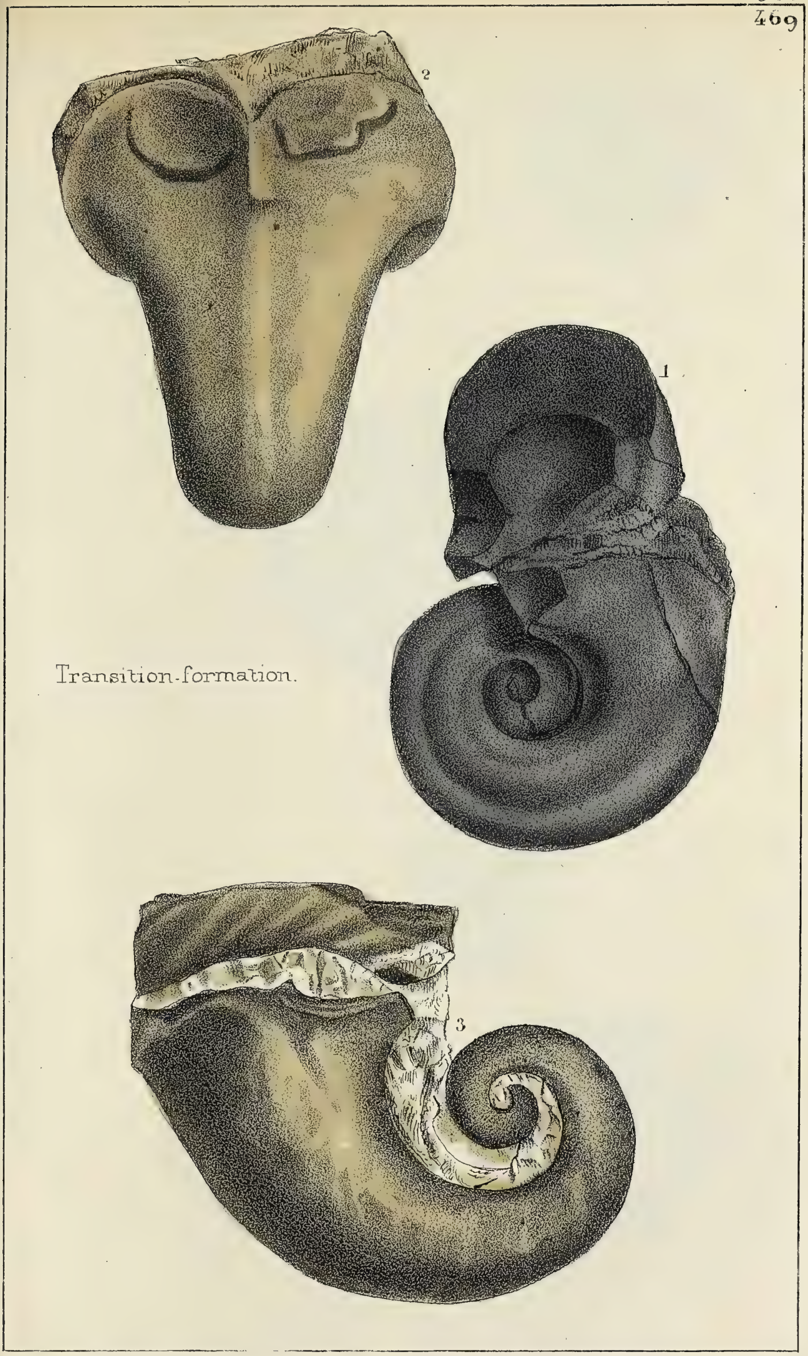
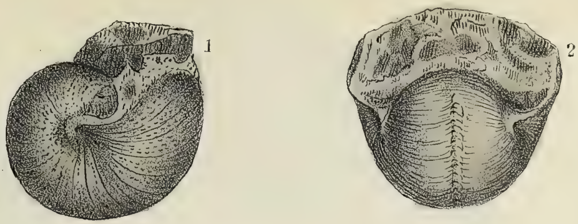


Fig. 1. Bellerophon apertus Sow. - Fig. 2. 3. B. Cornu-Arietis Sow.



Mountain limestone.

Mountain limestone.

Fig. 1 & 2. Bellerophon hiulcus Sow. Fig. 3 & 4 B. tenuifascia Sow.
Fig. 5 & 6 B. costatus Sow.

Pectunculus variabilis Sow.

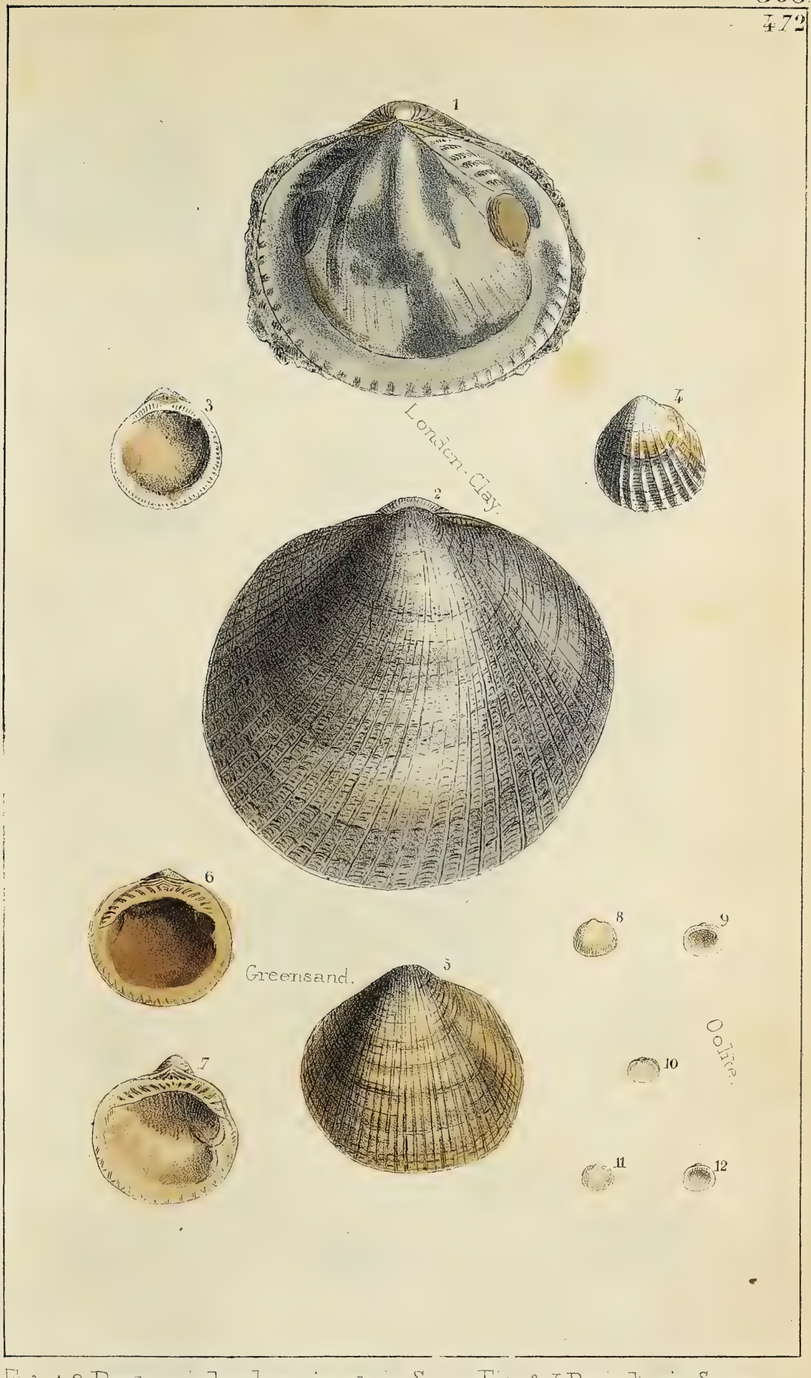
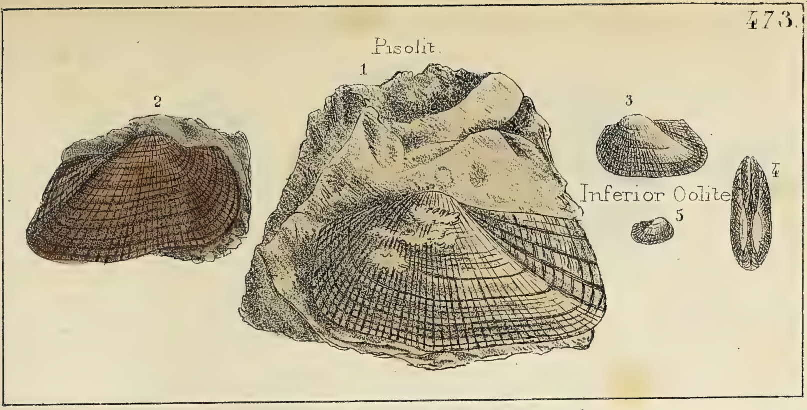
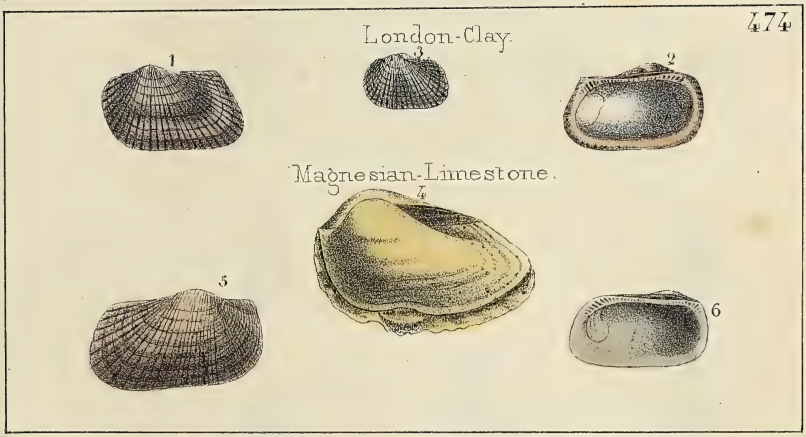
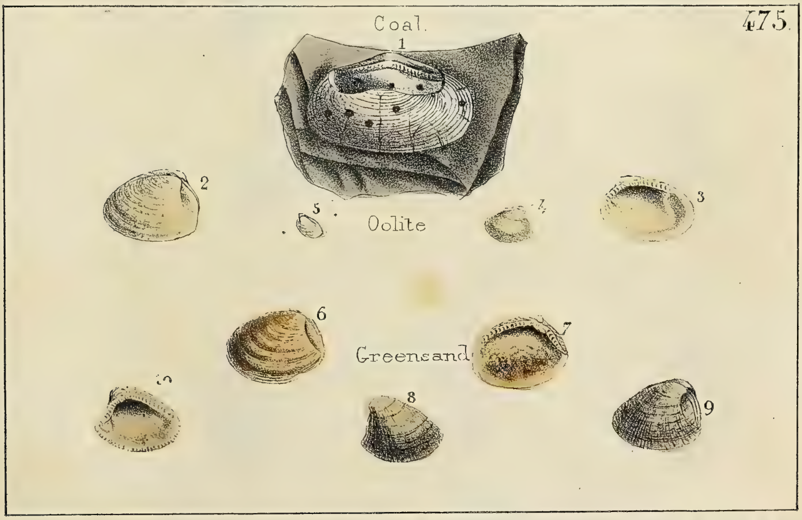


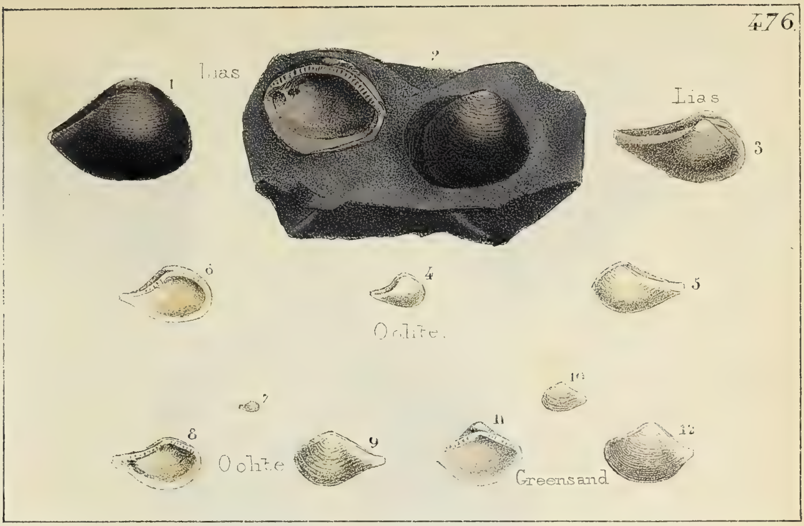
Fig. 1. 2. Pectunculus brevirostris Sow.- Fig. 3. 4 P. scalaris Sow.-
Fig. 5. 6. P. sublaevis Sow.- Fig. 7. P. umbonatus Sow. Fig. 8. 9 P. nimimus Sow.-
Fig. 10. 11. 12. P oblongus Sow.

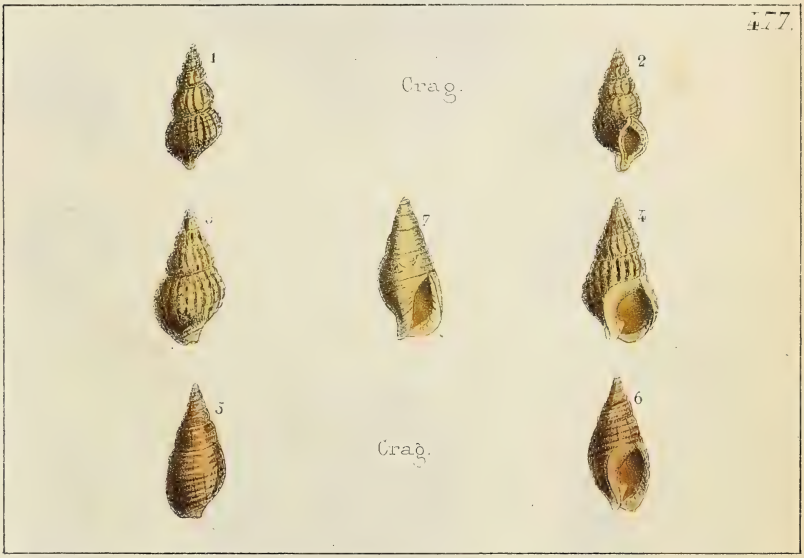




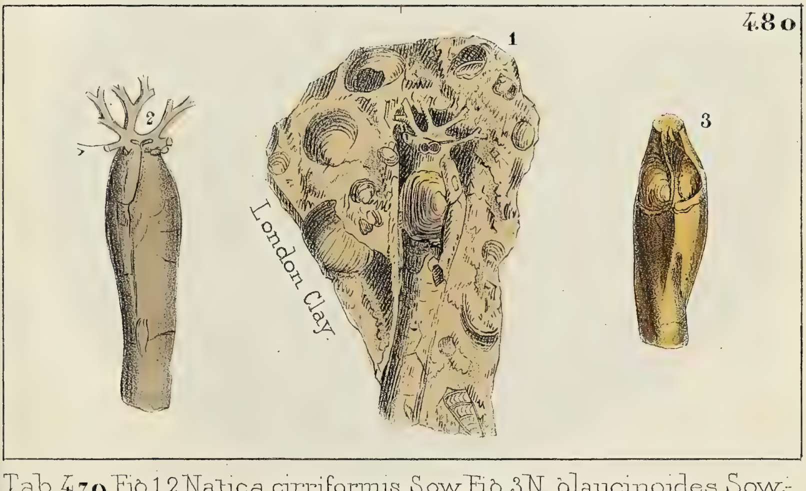


Tab. 473. Fig. 1. Arca quadrisulcata Sow.- Fig. 2. A. cancellata Sow.- Fig. 3-6. A. pulchra Sow.
Tab. 474. Fig. 1. 2. 3 Arca duplicata Sow.- Fig. 4. A. tumida Sow.- Fig. 5. 6. A. depressa Sow.
Tab. 475 Fig. 1. Nucula Palmae Sow.- Fig. 2. 3. 4. 5. N. variabilis Sow.-
Fig. 6. 7. N. impressa Sow.- Fig. 8. 9. 10 N. antiquata Sow.

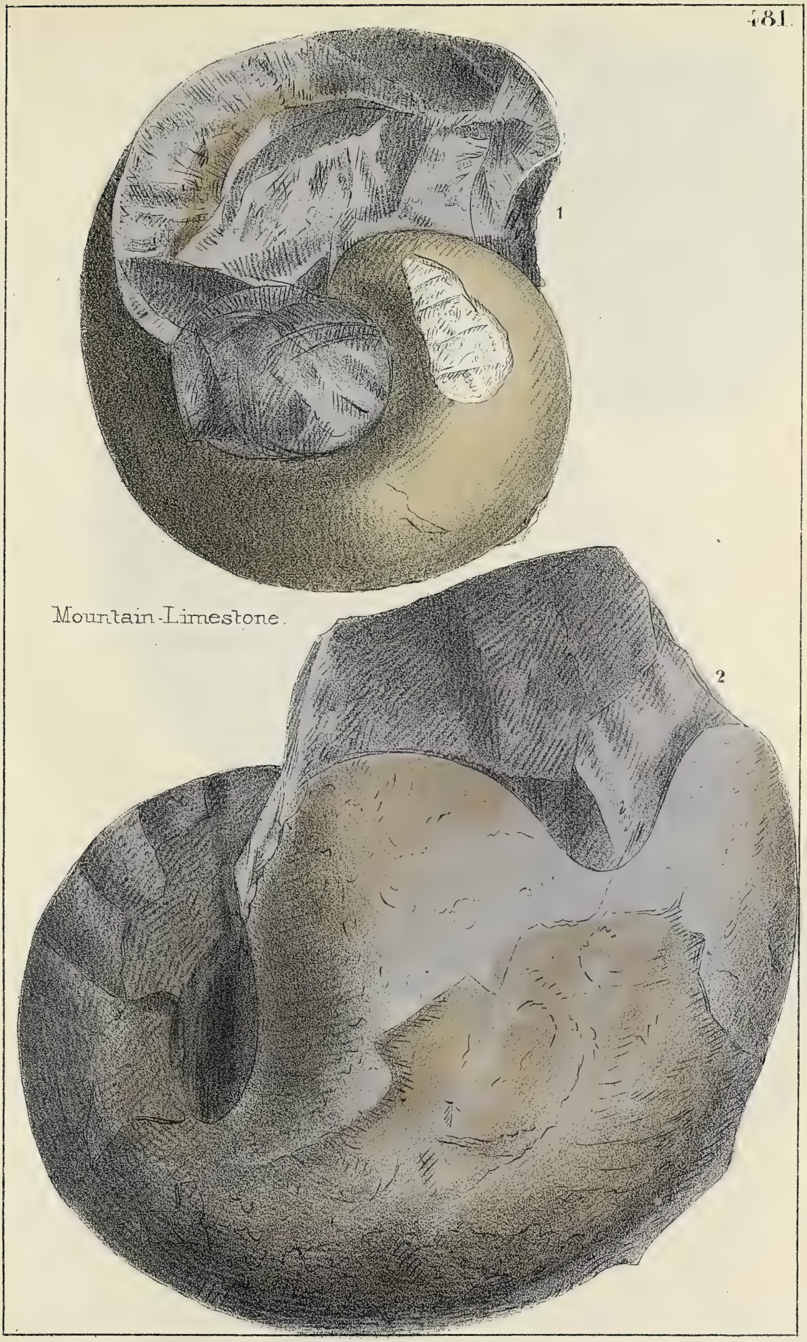




Tab.476.Fig.1.2.Nucula Ovum Sow.-Fig.3.N.claviformis Sow.-Fig.4.5.6.N.Lacryma Sow.-
Fig.7.8.9.N.mucronata Sow.-Fig.10.11.12.N.angulata Sow.
Tab.477. Fig.1.2.Buccinum elegans Sow.-Fig.3.4. B.propinquum. Sow.-
Fig.5.6.B.labiosum Sow.-Fig.7. B. sulcatum Sow.
Tab.478 Ovula Leathesi Sow.



Tab. 479 Fig. 1. 2. Natica cirriformis Sow. Fig. 3 N. glaucinoides Sow.-
Fig. 4. 5 N. hemiclausa Sow.- Fig. 6. 7. N. sigaretina Defr.
Tab. 480 Clavagella coronata Desh.



Nautilus globatus Sow.

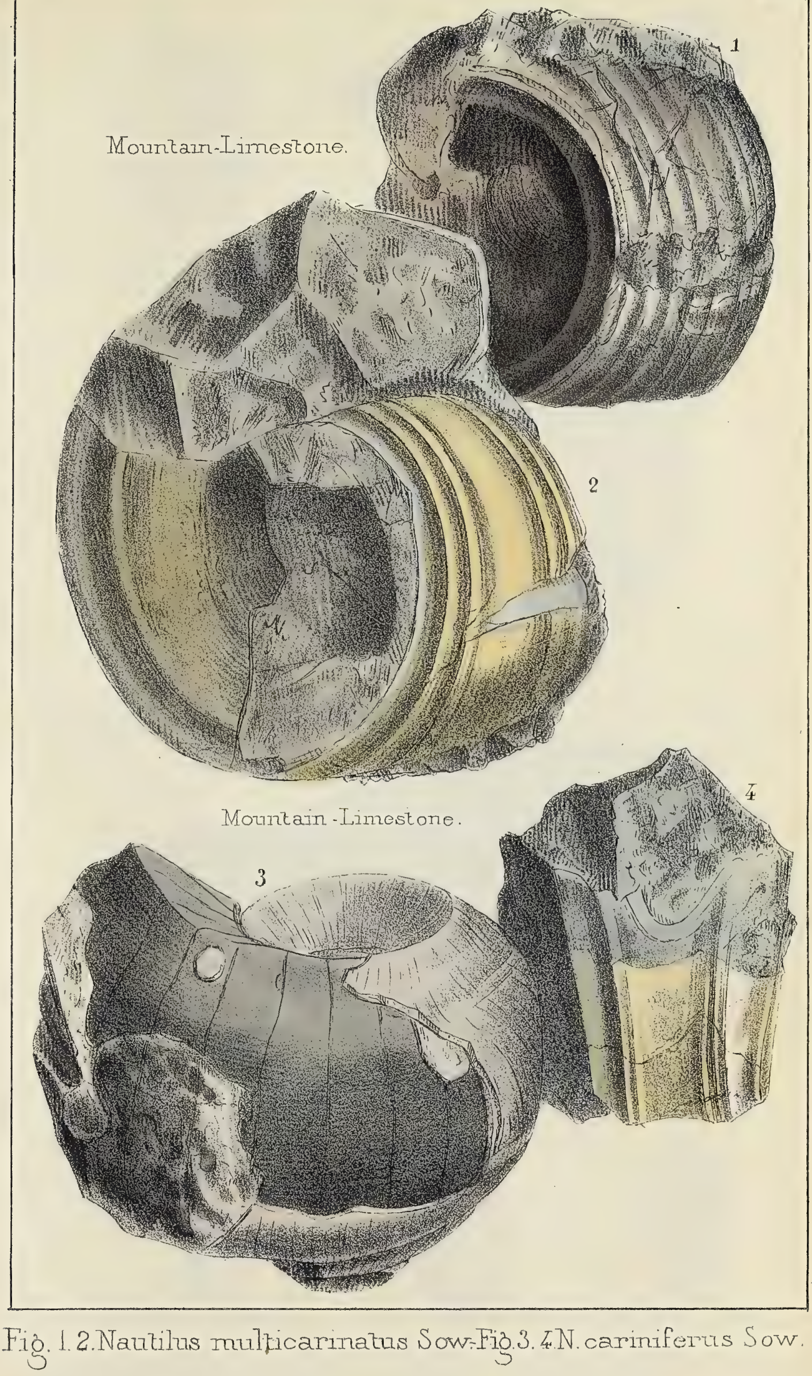
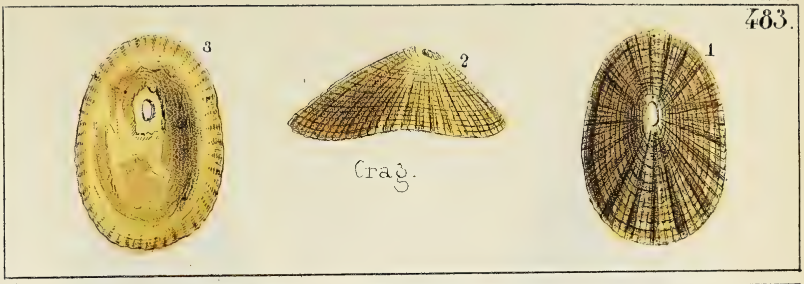
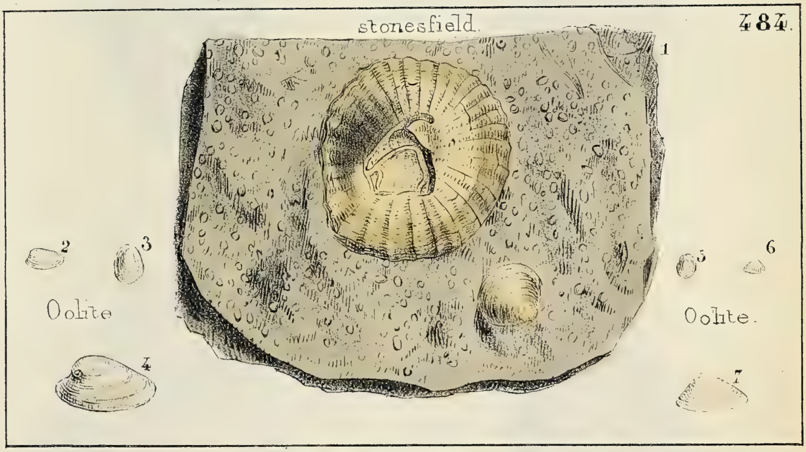
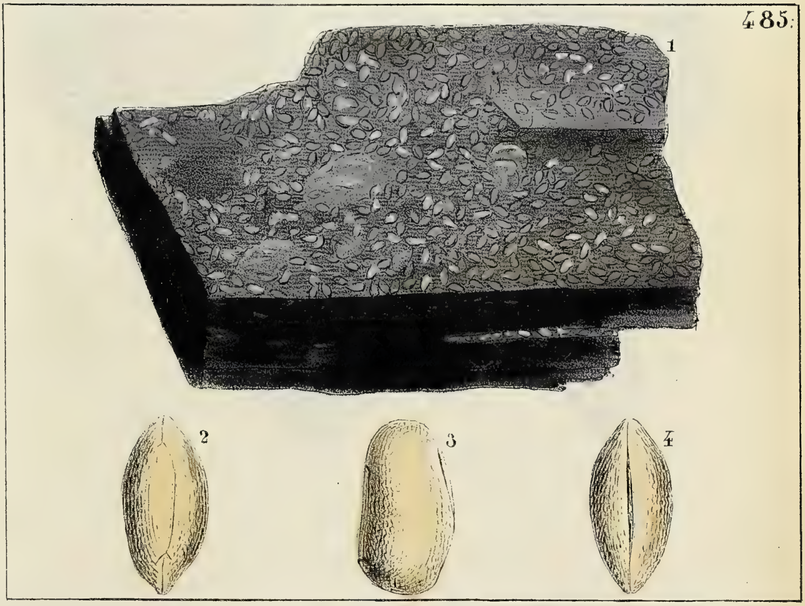


Fig. 1. 2. Nautilus multicarinatus Sow.-Fig. 3. 4. N. cariniferus Sow.







Tab. 483 Fissurella graeca Lam.

Tab. 484 Fig. 1 Patella lata Sow.-Fig. 2.3.4. P. ancyloides Sow.-Fig. 5.6.7 P. nana S

Tab. 485. Cypris Faba ?Desmar.

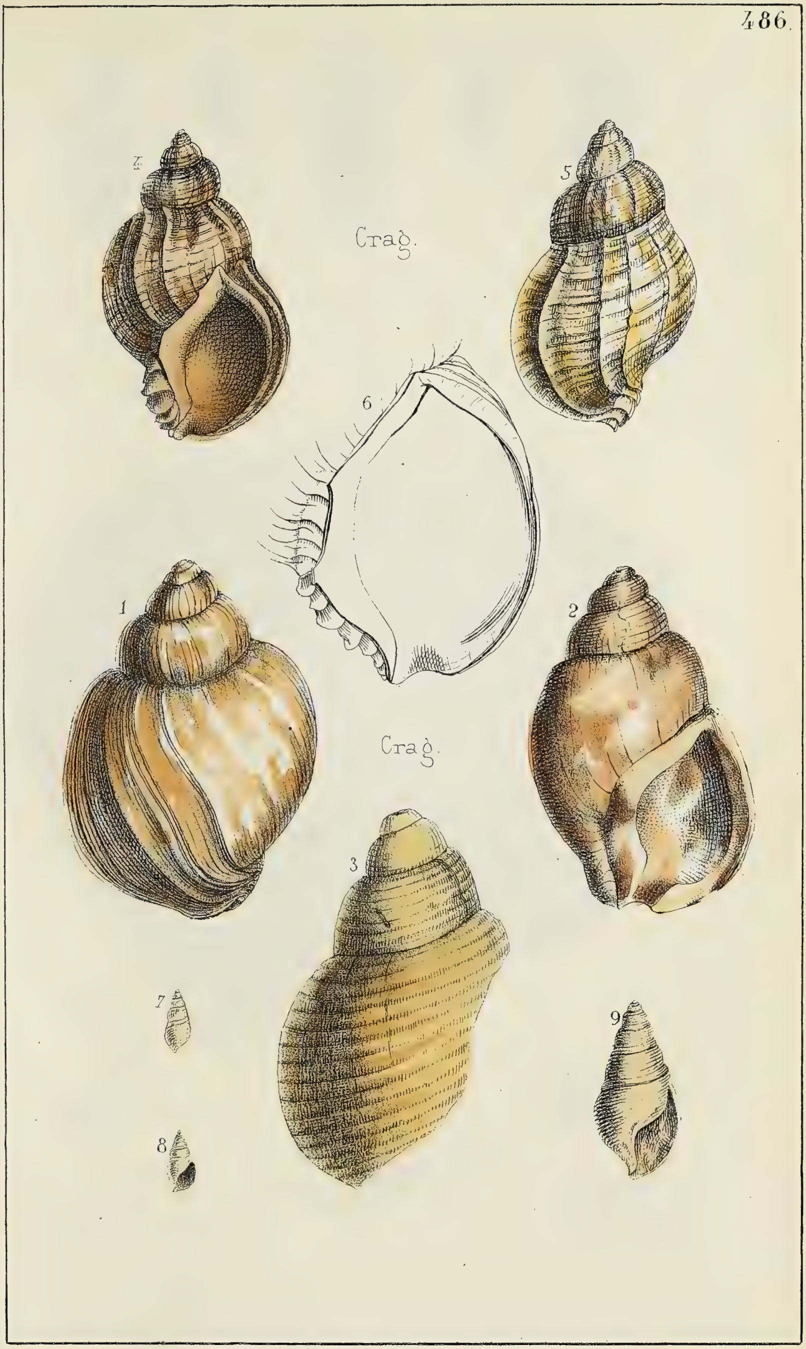
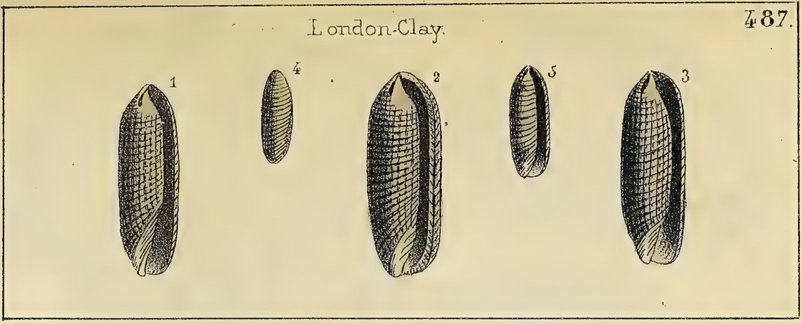
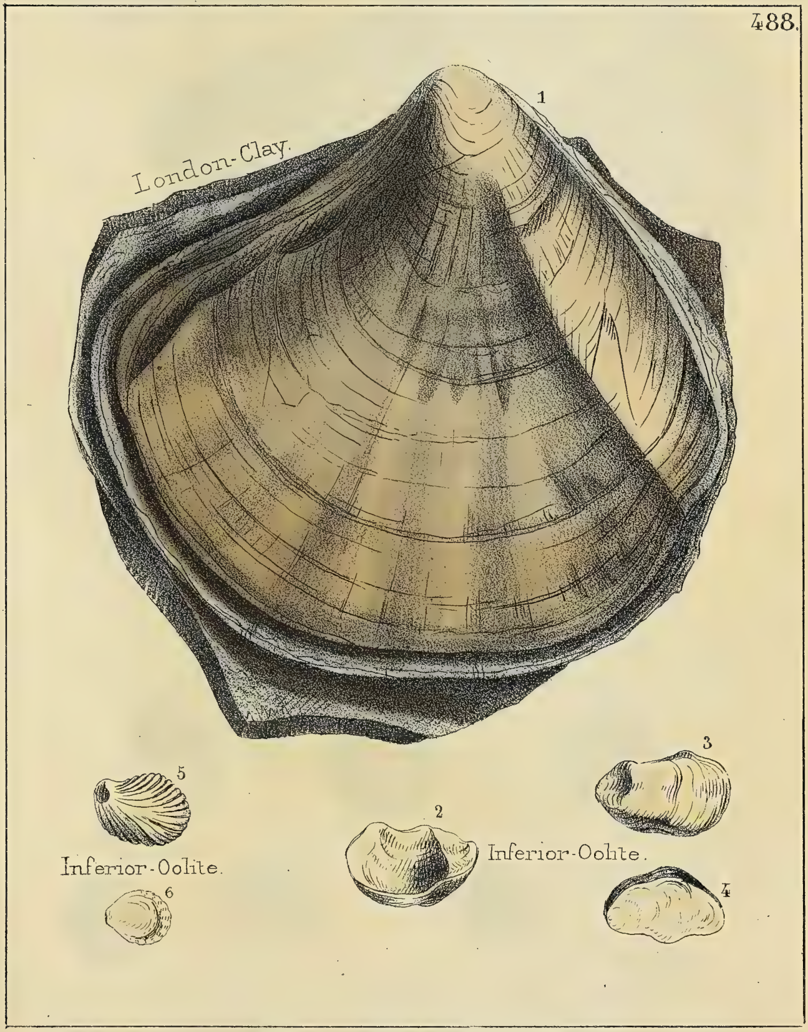
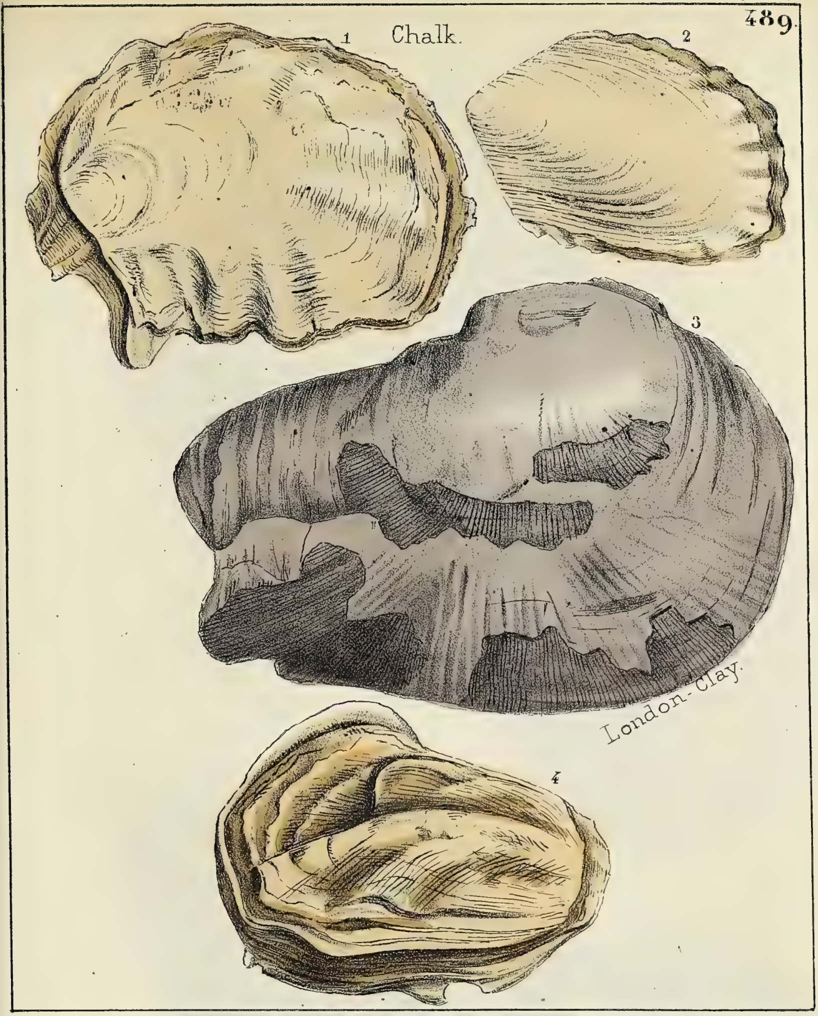


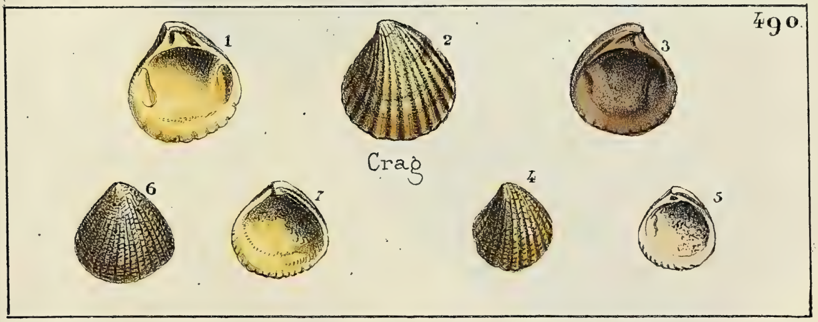
Fig. 1.2.3. Buccinum Dalei Sow.- Fig. 4.5.6. B. tenerum. Sow.-
Fig. 7.8.9. B. unilineatum. Sow.





Tab. 487 Volvaria acutiuscula Sow.
Tab. 488. Fig. 1. Ostrea laeviuscula Sow. Fig. 2.3.4. O. obscura Sow.
Fig. 5.6. O. costata Sow.





Tab. 489. Fig. 1. 2 Ostrea semiplana Sow.- Fig. 3. 4. O. dorsata Desh.
Tab. 490 Fig. 1. 2. 3 Venericardia chamaeformis Sow.-
Fig. 4. 5 V. orbicularis Sow.- Fig. 6. 7 V. scalaris. Sow.

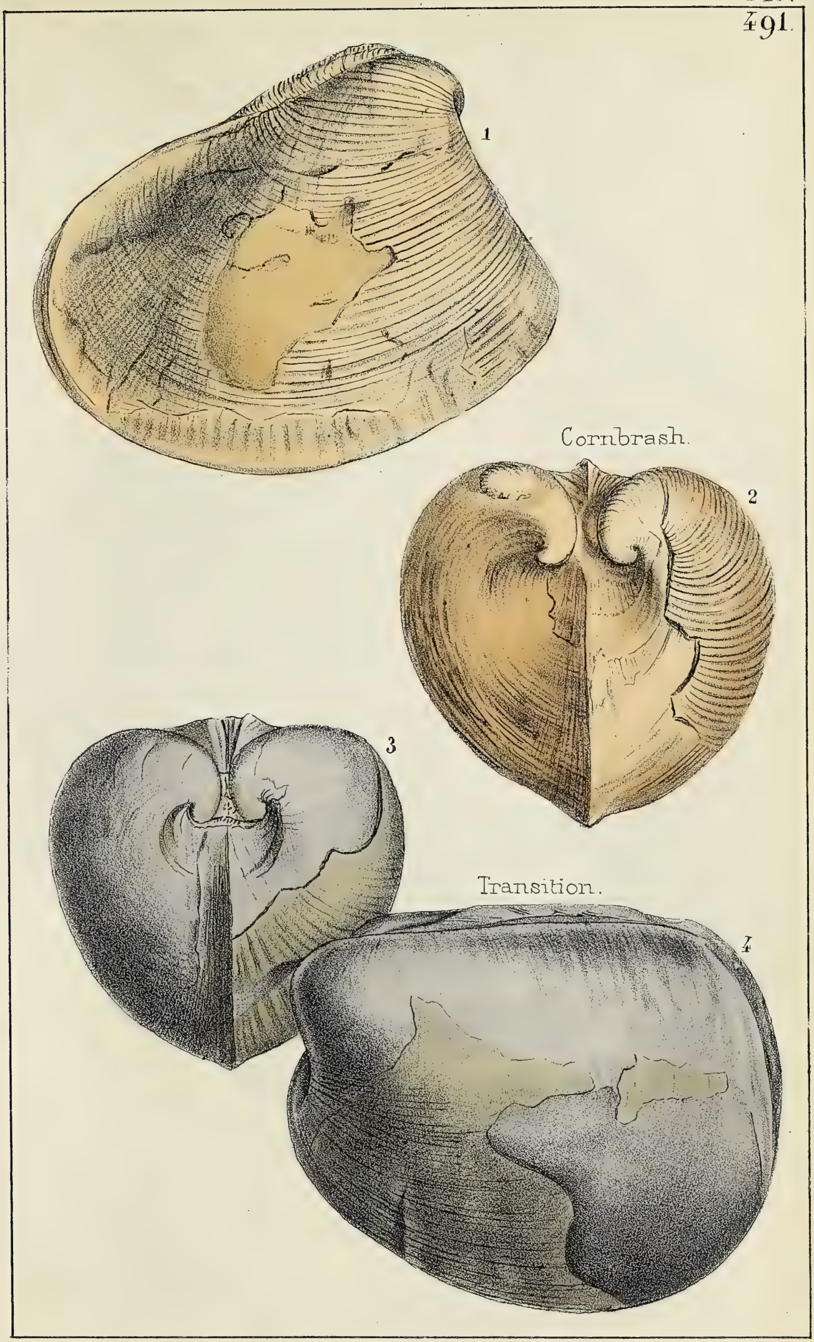
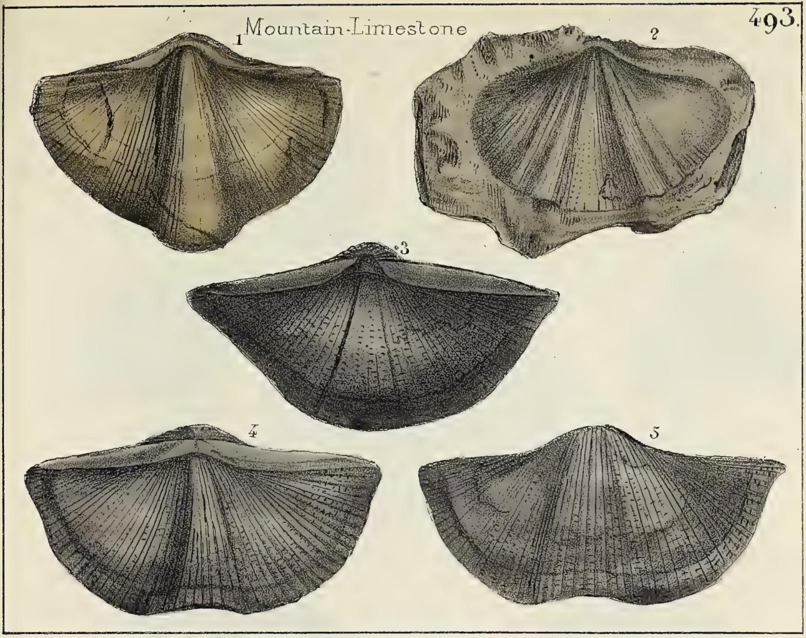
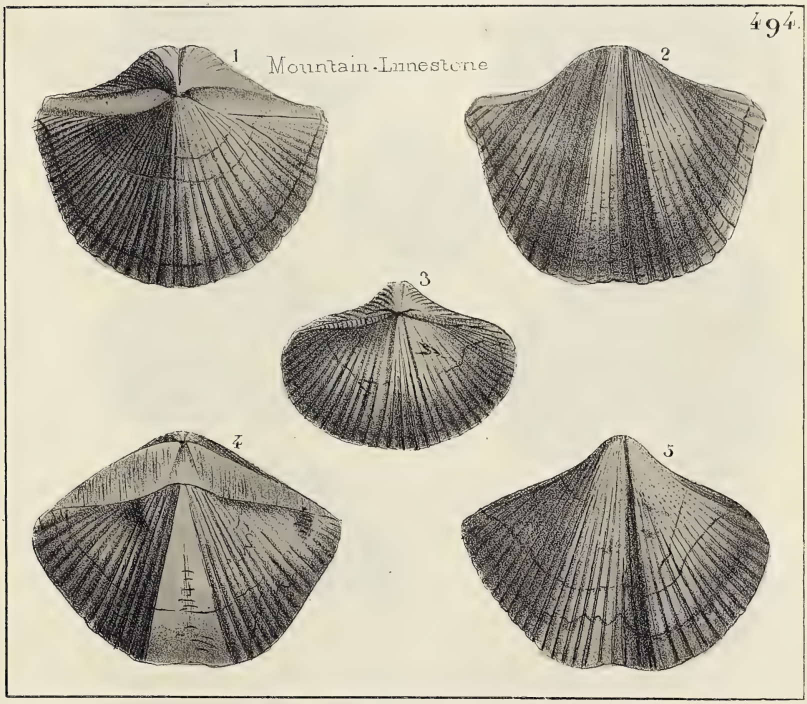


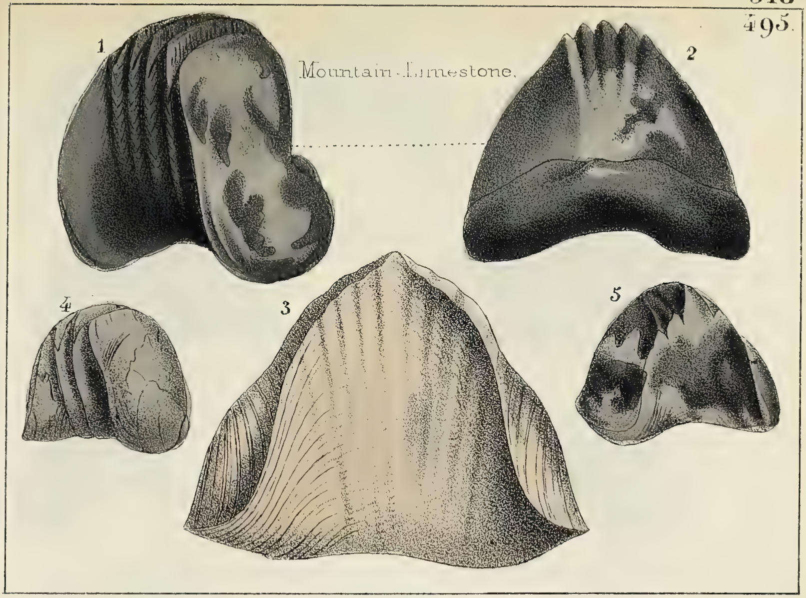
Fig.1.2. Isocardia concentrica Sow. Fig.3.4. I. oblonga Sow.

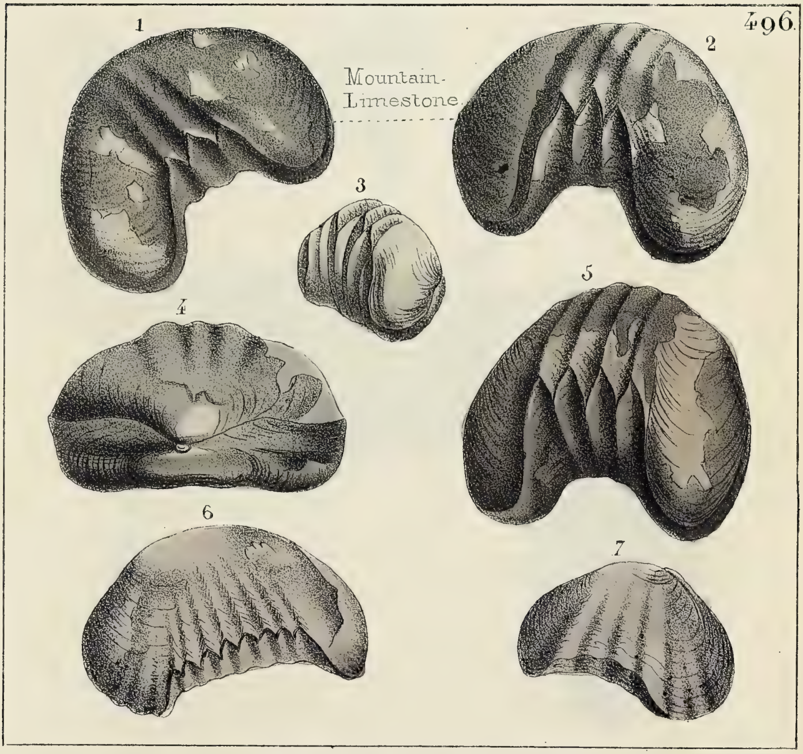
Perna quadrata Sow.



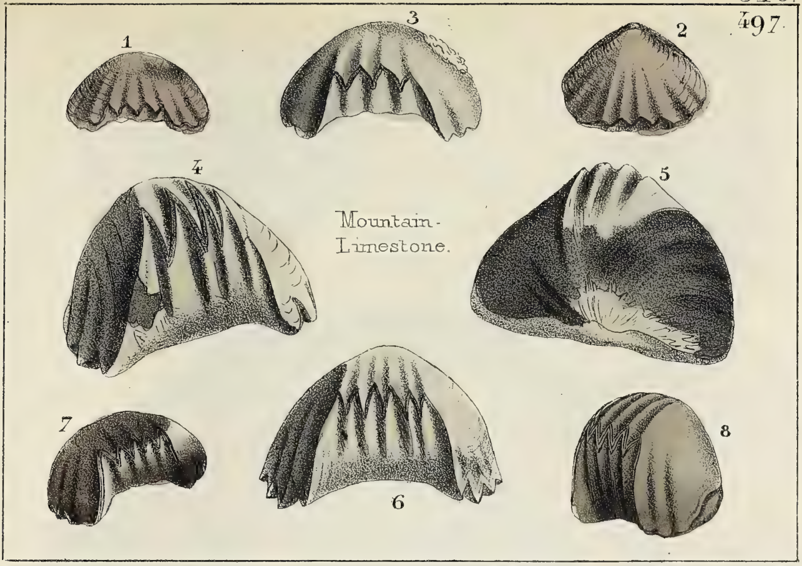


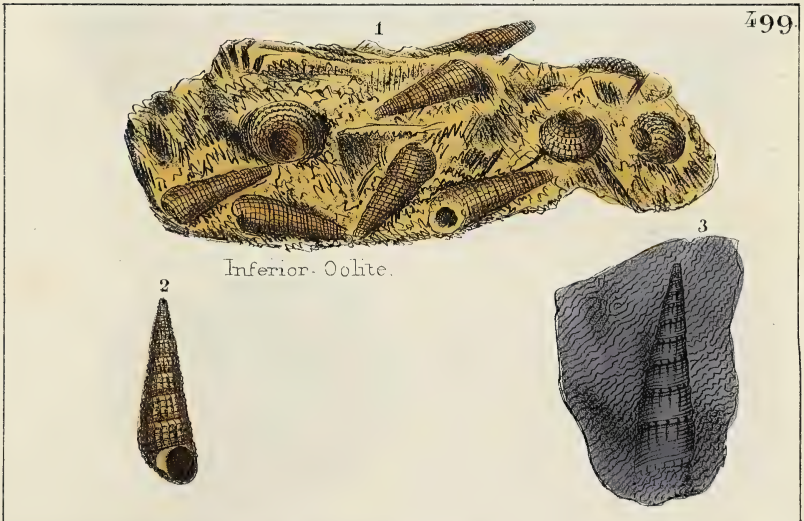
Tab. **493** Fig. 1. 2 Spirifer lineatus Sow. – Fig. 3. 4. 5. Sp. attenuatus. Sow.
Tab. **494** Fig. 1. 2. 3 Spirifer bisulcatus Sow. – Fig. 4. 5. Sp. distans. Sow.





Tab: 495 Terebratula cordiformis Sow.
Tab. 496. Fig. 1-5 Terebratula reniformis Sow.-Fig. 6.7. T. platyloba Sow.





Tab. 497. Terebratula Pugnus. Sow.
Tab. 498. Pyrula Greenwoodi. Sow.
Tab. 499. Fig. 1. 2 Turitella muricata Sow.- Fig. 3. T. cingenda Sow.

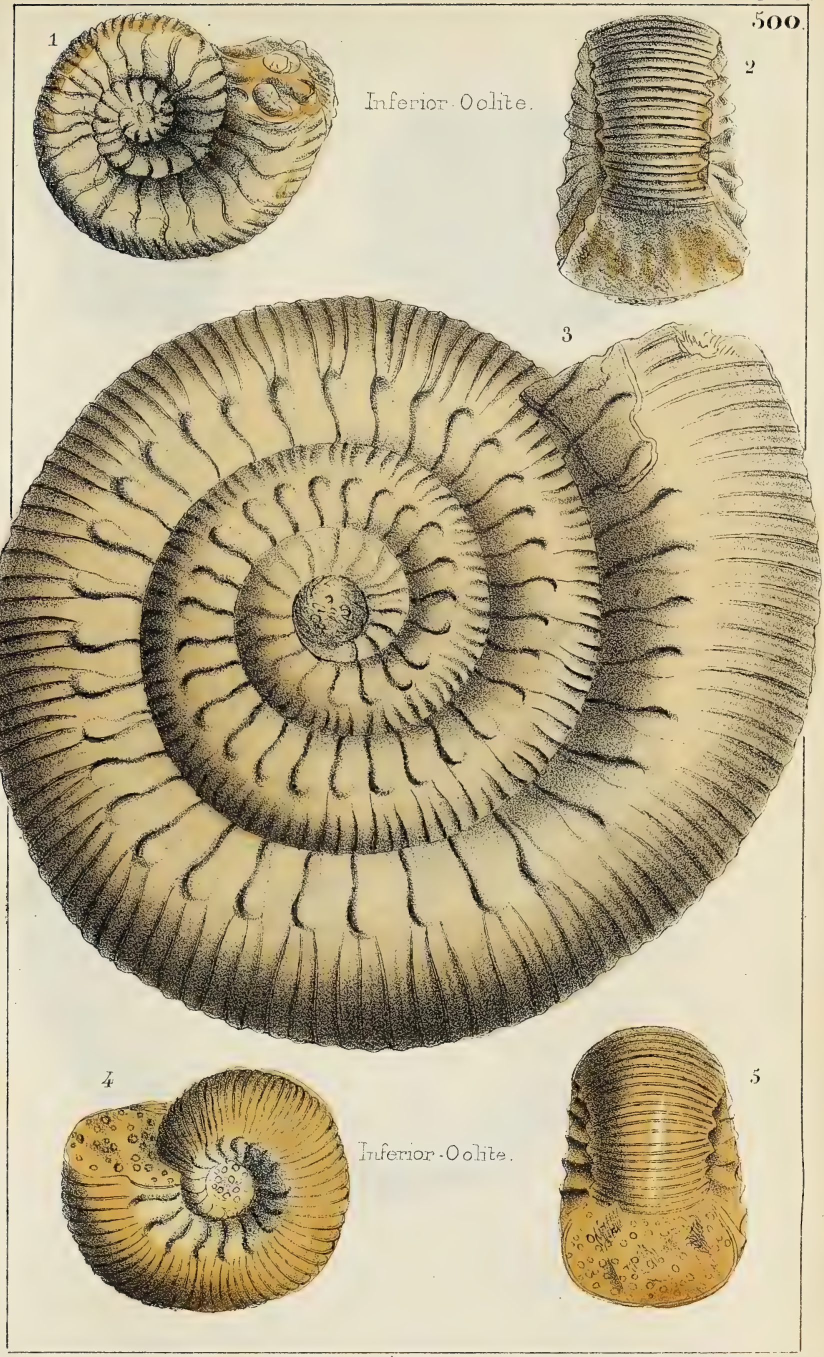
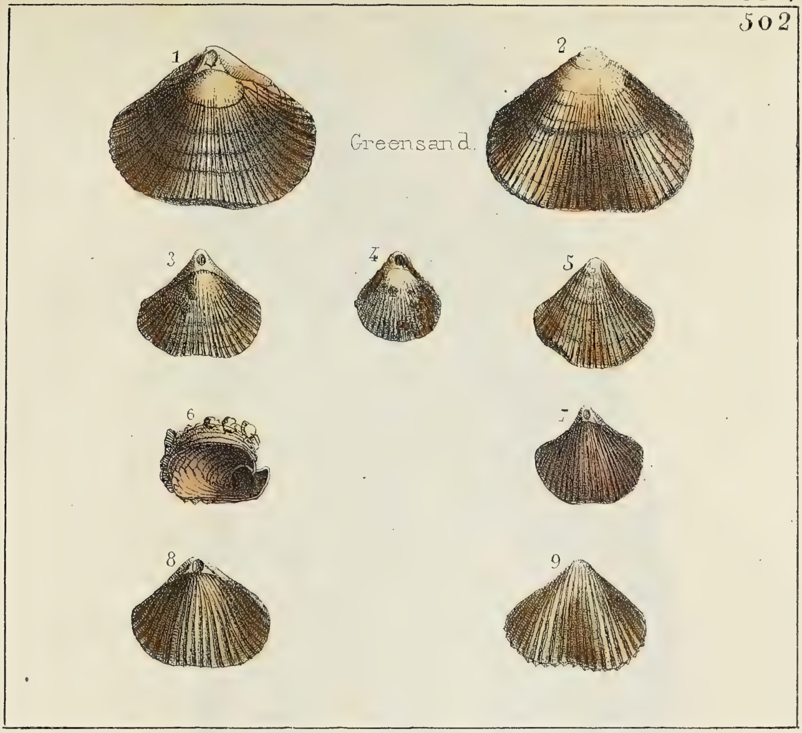
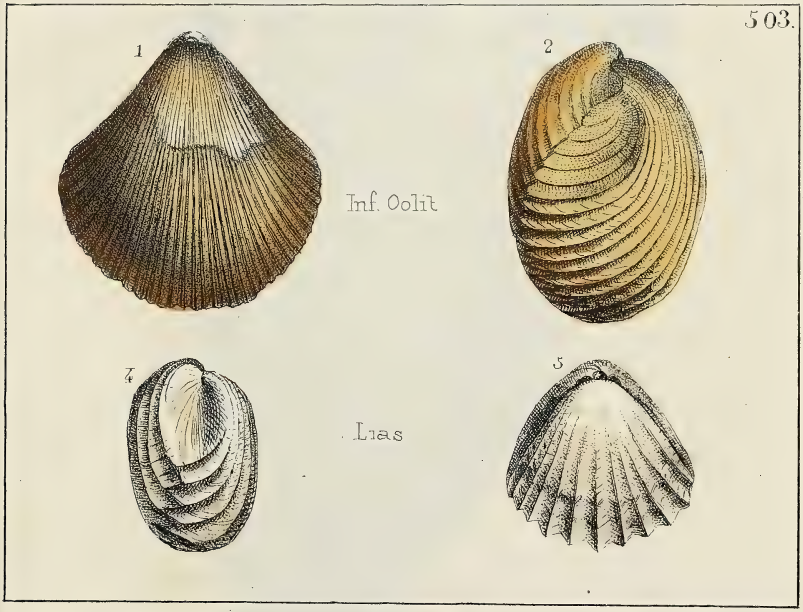


Fig. 1.2.3. Ammonites Humphresianus Sow. Fig. 4.5. Am. [illegible] Sow.

Fig. 1.2 Ammonites Listeri Martin Fig. 3.4 Am. longispinus Sow.





Tab. 502. Fig. 1. 2. Terebratula lata Sow.- Fig. 3. 4. 5. T. depressa Sow.- Fig. 6. 7. T. nuciformis Sow.- Fig. 8. 9. T. acuta Sow.

Tab. 503. Fig. 1. 2. Terebratula plicatella Sow.- Fig. 3. 4. T. serrata Sow.

504. & 505.

Chalk

Tab. 504 et 505 Pachymya gigas. Sow.

Fig. 1.2.3. Orbicula reflexa Sow.-Fig. 4.5.6. O. Humphresiana Sow.-
Fig. 7. 8. O. granulata Sow.

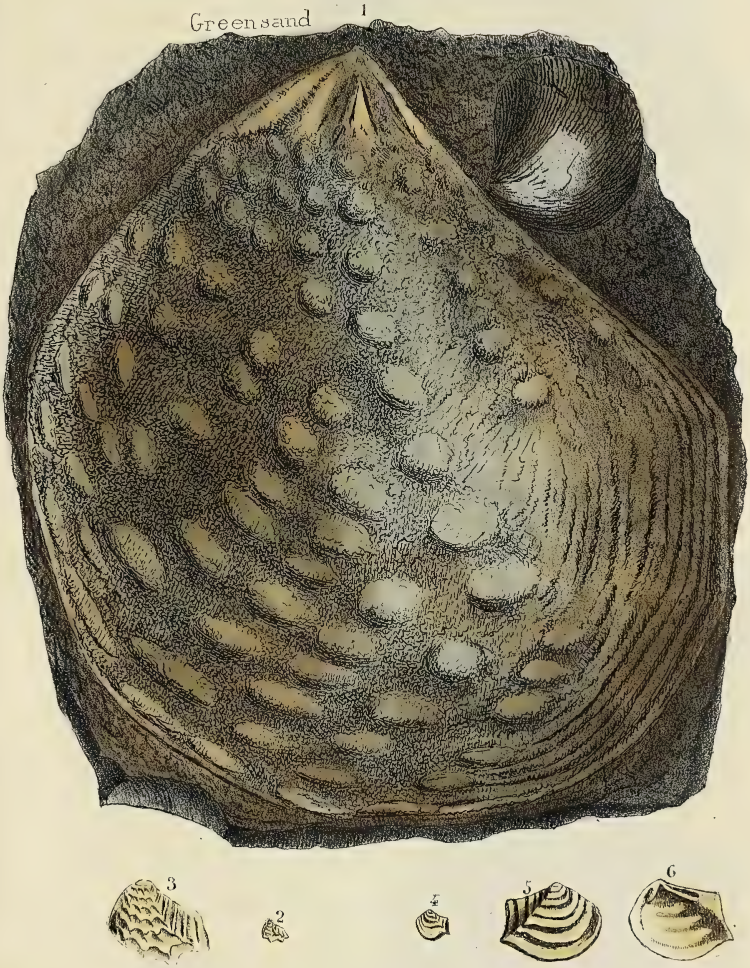
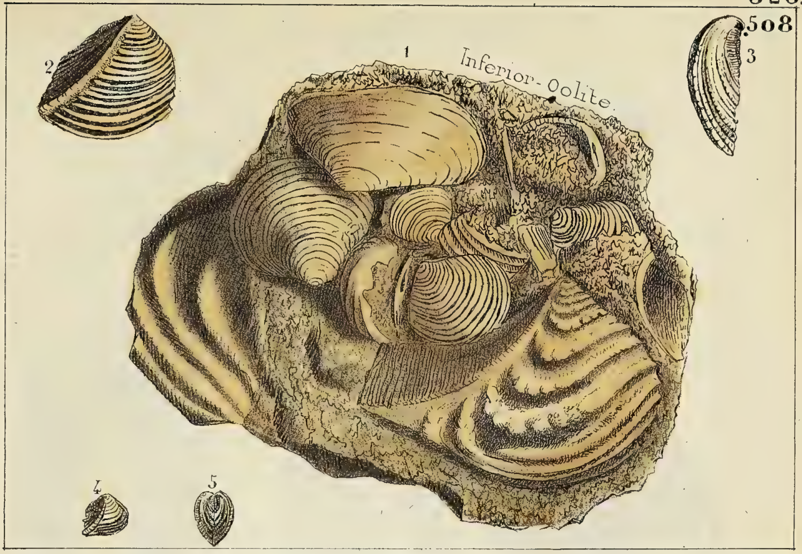


Fig. 1. Trigonia nodosa Sow. Fig. 2.3. T. imbricata Sow. Fig. 4.5.6. T. cuspidata. Sow.



Tab. **508**. Fig. 1. Trigonia angulata Sow.- Fig. 2-5. T. Pullus Sow.-
Tab. **509**. Fig. 1. 2. 3. Paludina elongata Sow.- Fig. 4. 5. P. carinifera Sow.

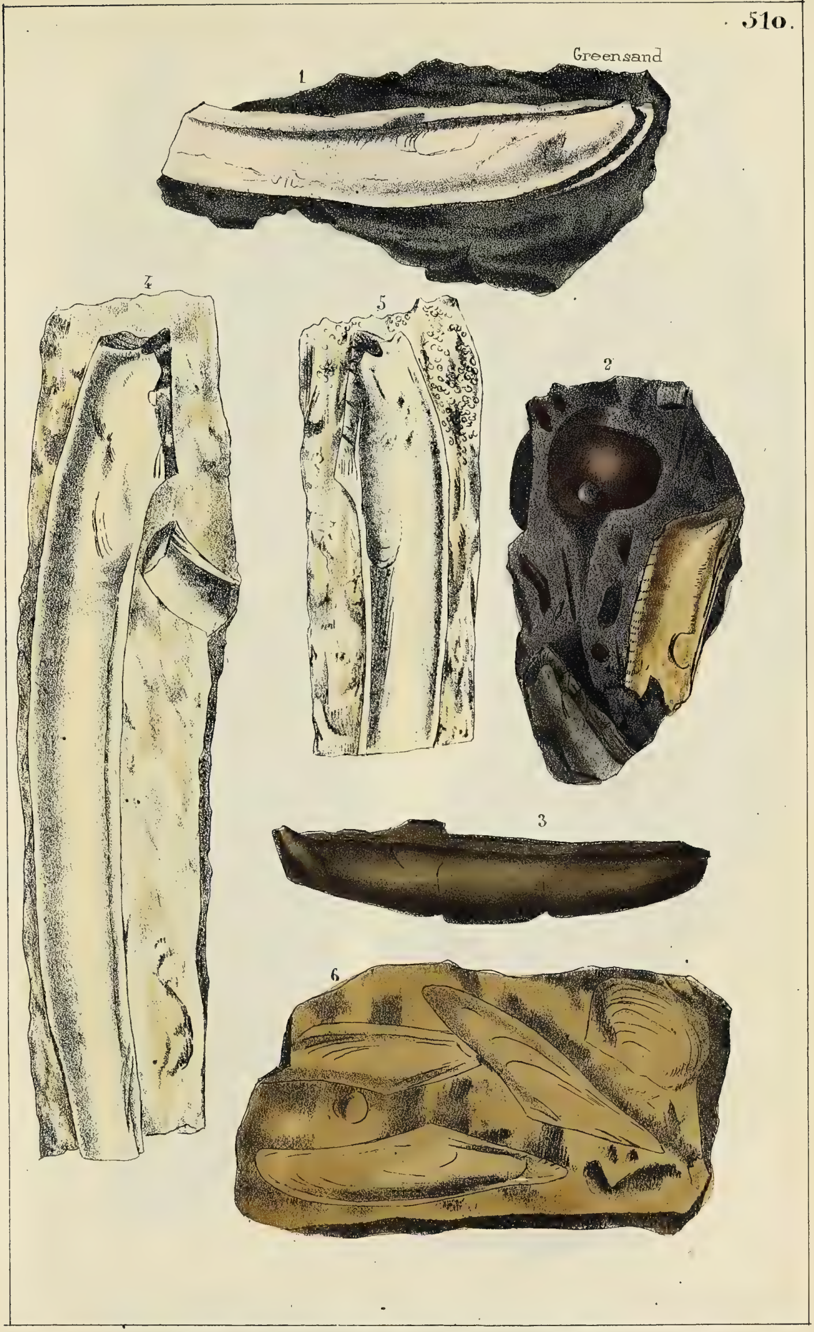
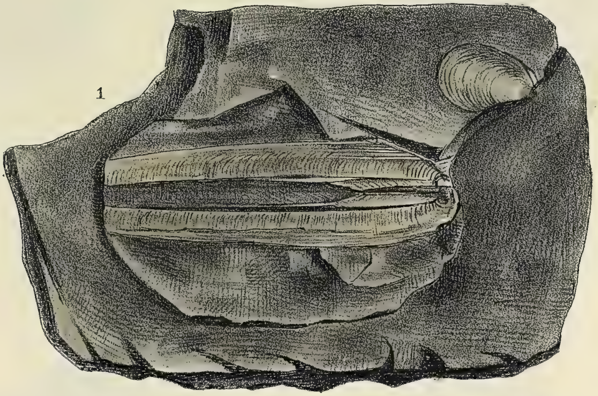


Fig. 1-5 Gervillia solenoides. Defr. Fig. 6. Gervillia? acuta Sow.

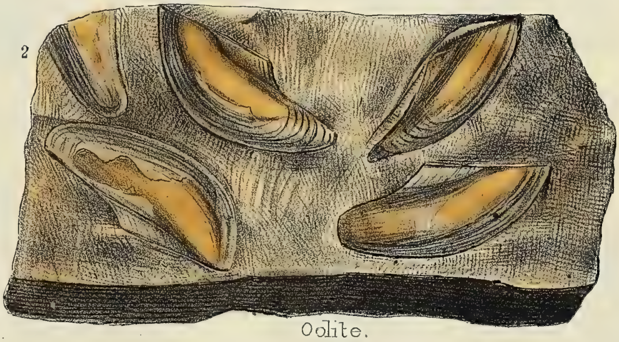
Gervillia aviculoïdes Sow.

Lias.

1



2



Oolite.

Fig. 1. Avicula lanceolata Sow.- Fig. 2. A. ovata Sow.

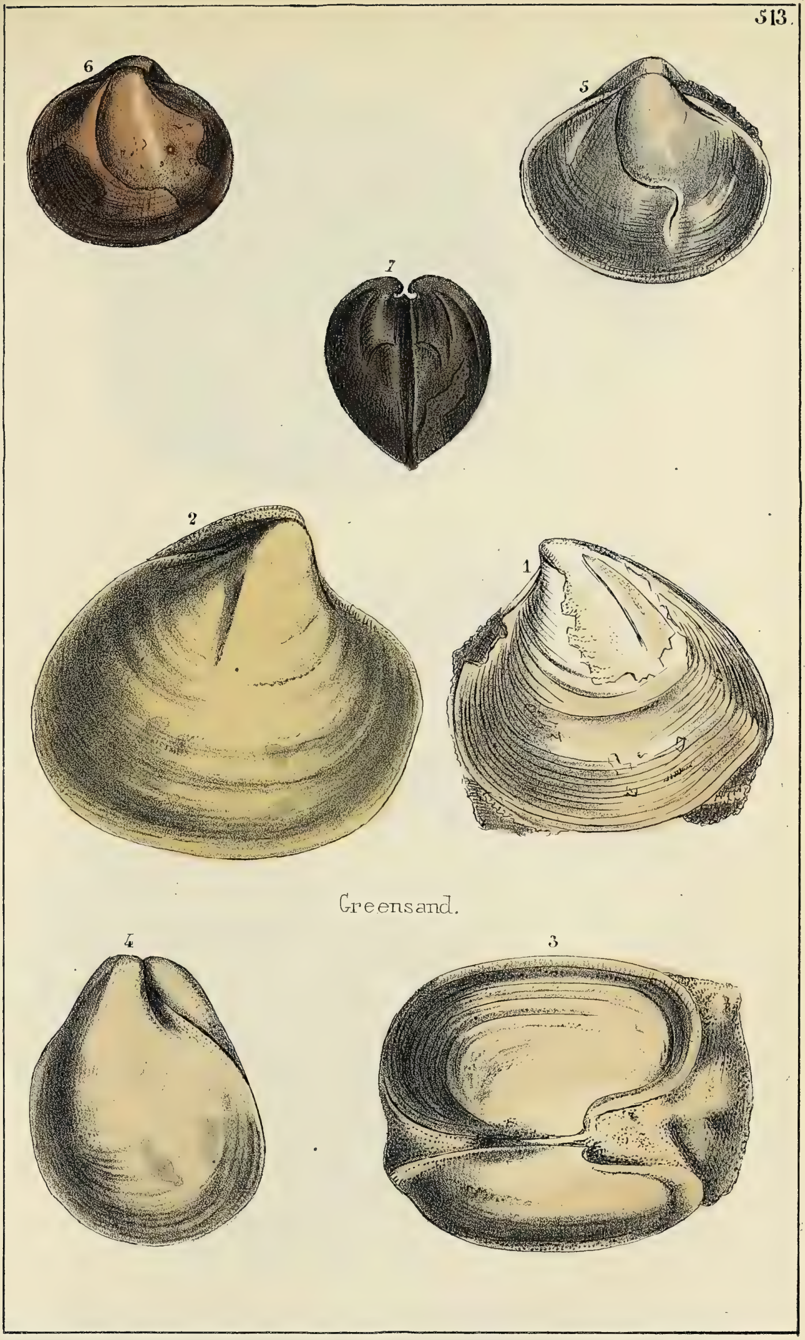


Fig. 1-4 Thetis major Sow.-Fig. 5.6.7. T. minor Sow.

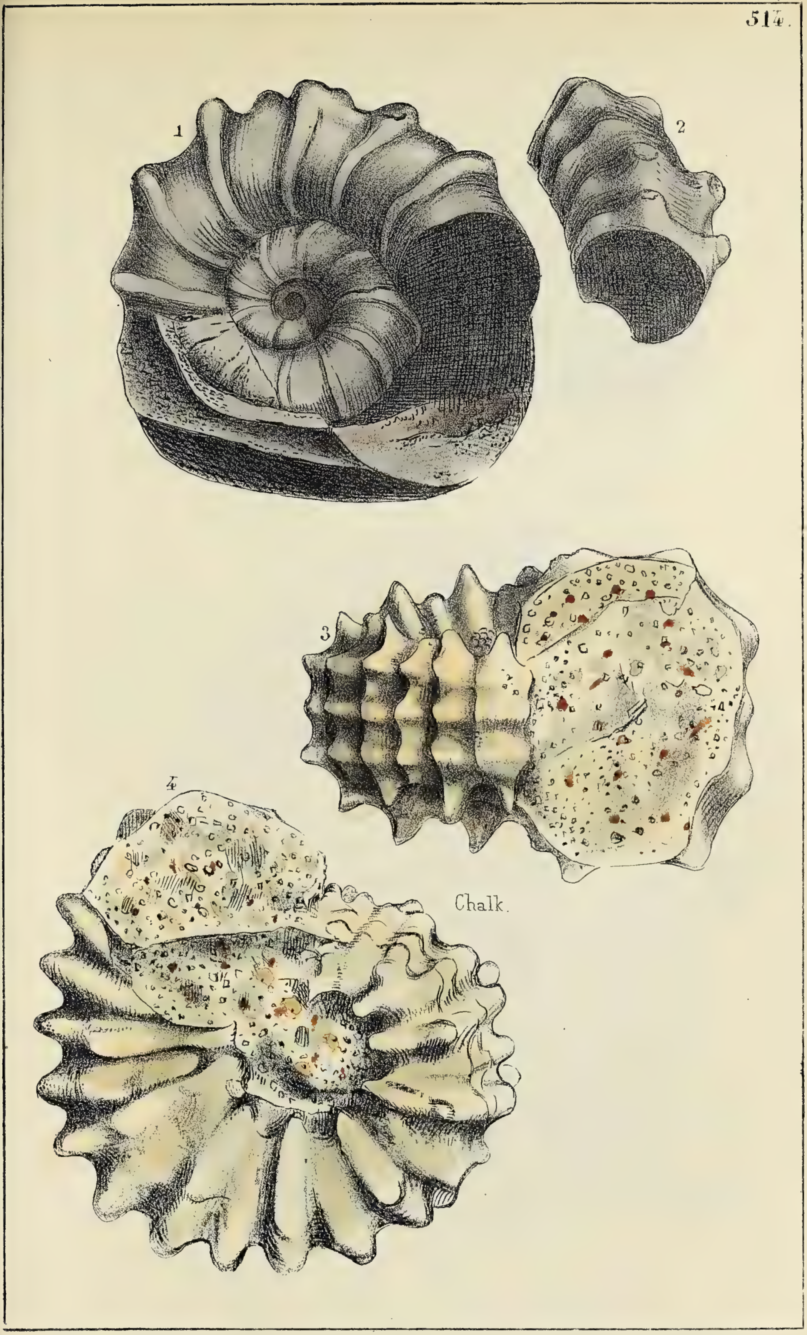
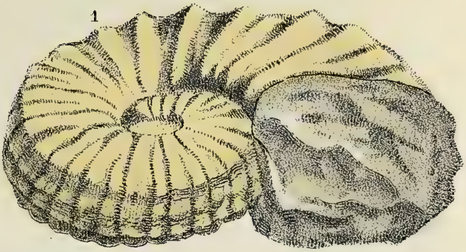


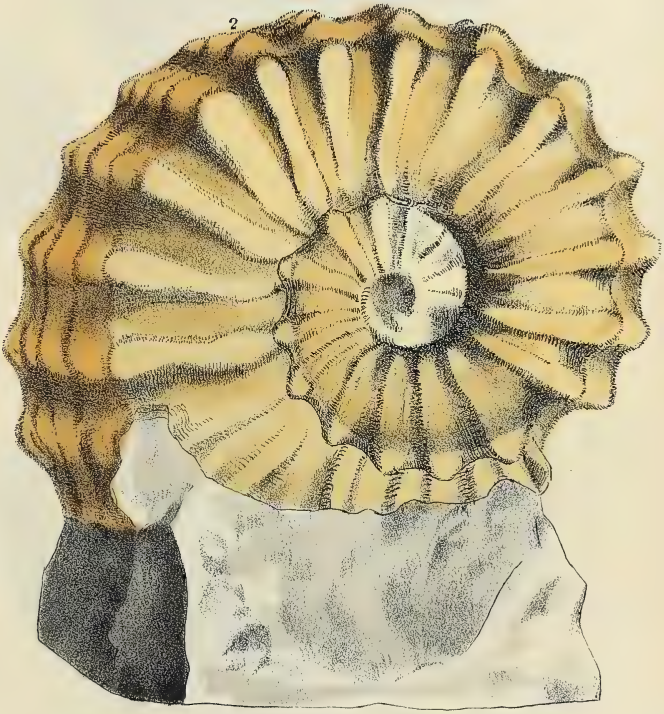
Fig. 1. 2. Ammonites Taylori. Sow.- Fig. 3. 4. A. Hippocastanum Sow.

1



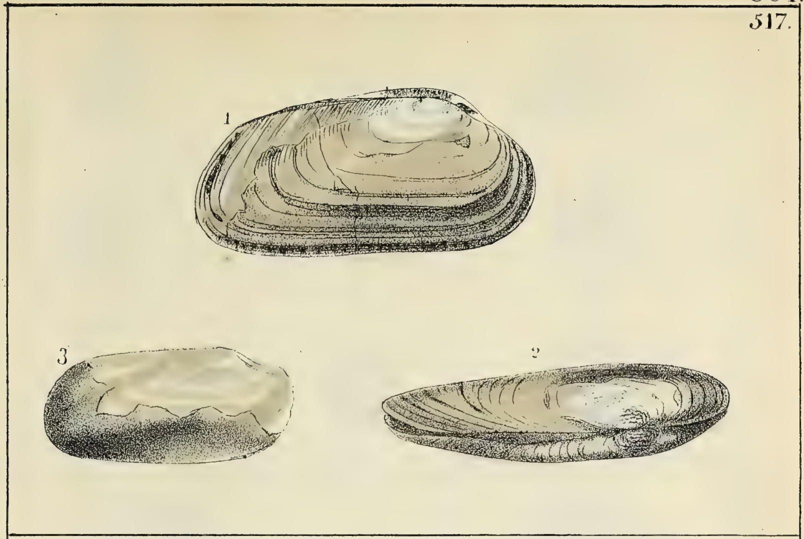
Chalk.

2



Ammonites rhotomagensis. Brongn.

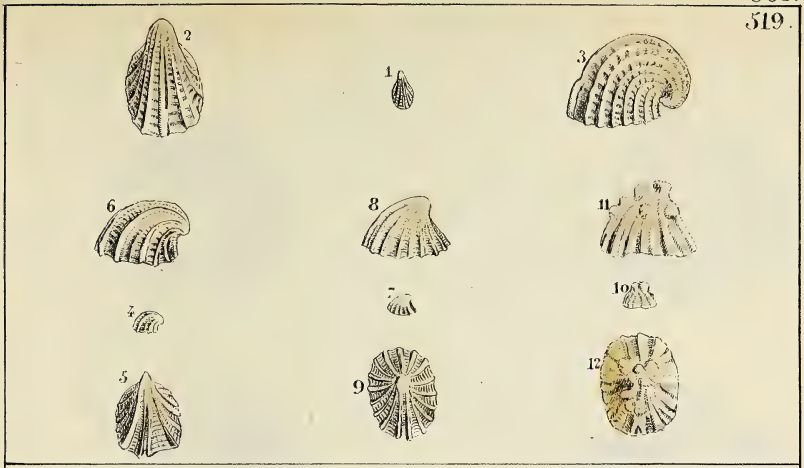
Fig. 1. 2. Isocardia similis Sow. Fig. 3. 4. I. Cor?



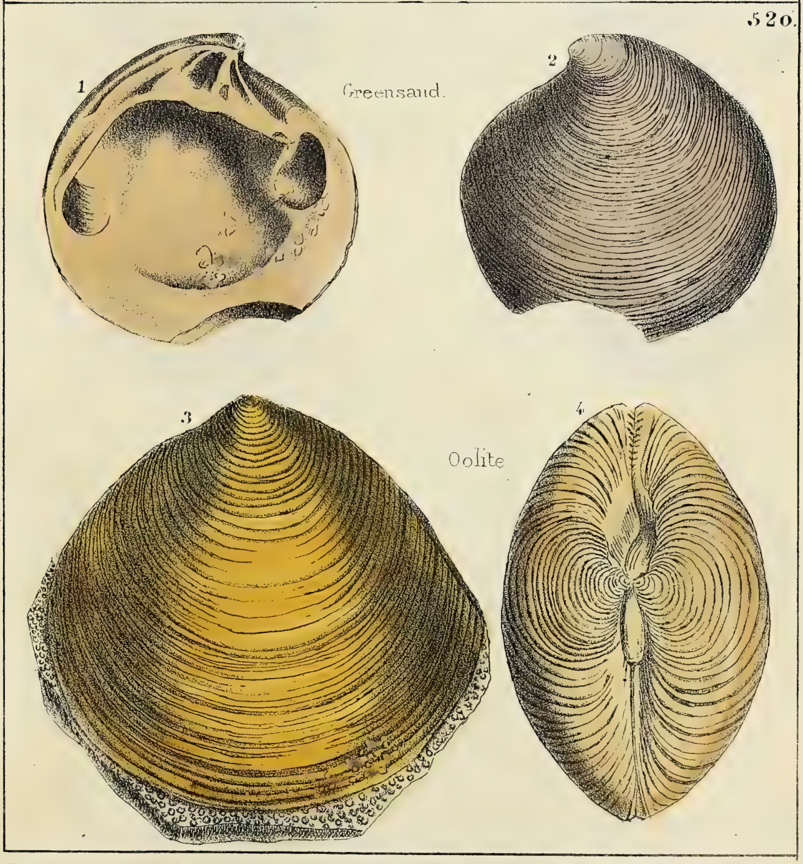
Tab.517. Unio Solanderi. Sow.

Tab. 518. Fig. 1-4 Venus caperata Sow. Fig. 5.6.7 Venus parva. Sow.

519.



520.



Tab.519. Fig. 1.2.3 Emarginula clathrata Sow.- Fig. 4.5.6. E. tricarinata Sow.- Fig. 7.-12. E. scalaris Sow.

Tab.520. Fig. 1. 2. Astarte striata Sow.- Fig. 3. 4. A. orbicularis Sow.

521.

Crag

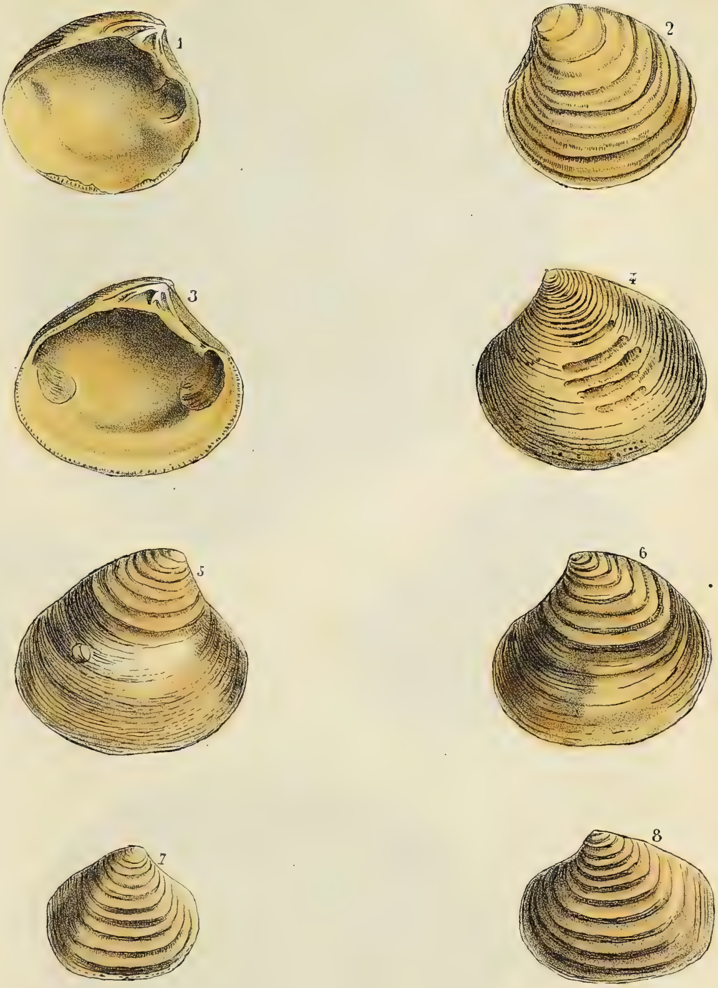
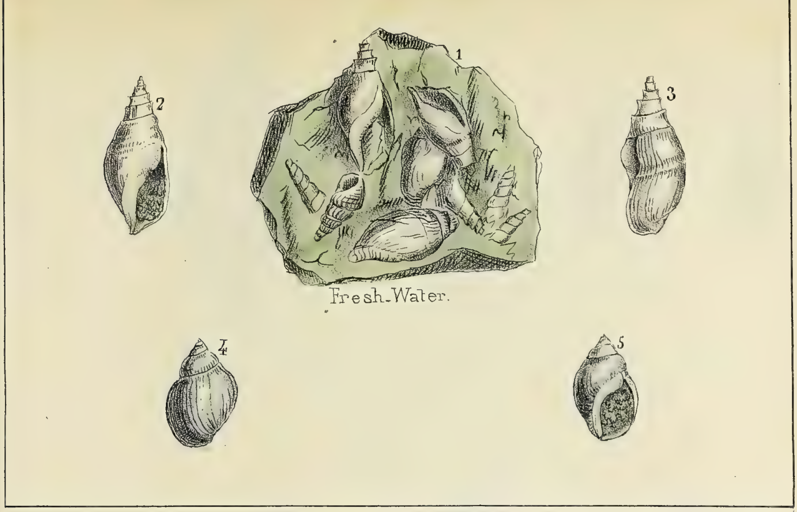


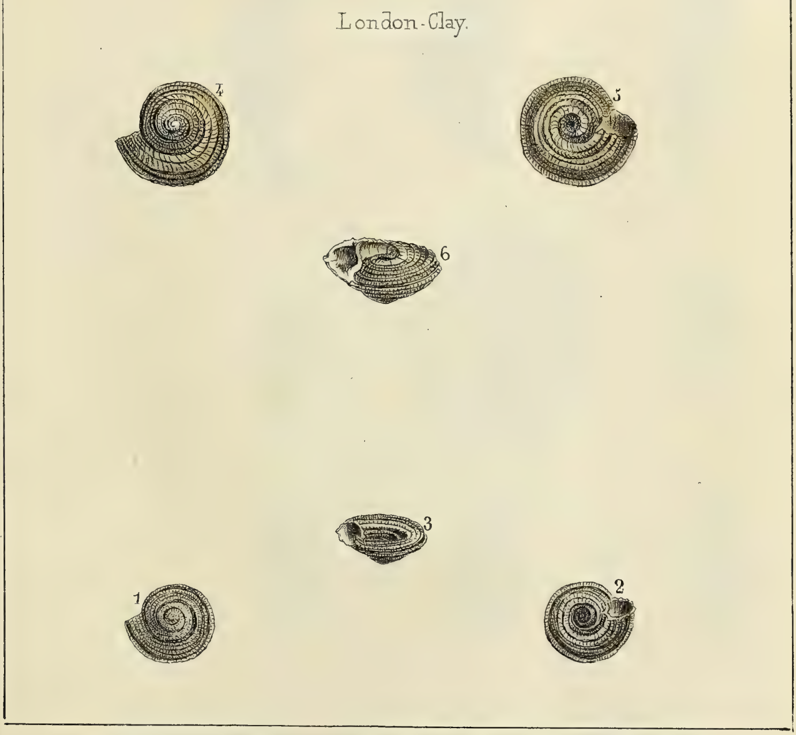
Fig. 1. 2. Astarte imbricata Sow - Fig. 3. 4. A. nitida Sow. - Fig. 5. 6. A. bipartita Sow
Fig. 7. 8. A. oblonga Sow.

Fig. 1. Ampullaria nobilis Sow.- Fig. 2. 3. 4. A. helicoides Sow.

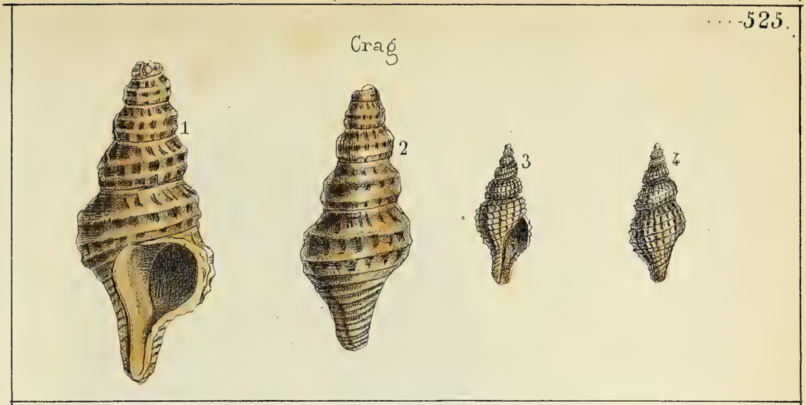
523.



524



Tab. 523. Fig. 1. 2. 3. Melanopsis carinata Sow.-Fig. 4. 5. M. brevis Sow.
Tab. 524. Fig. 1-3. Solarium canaliculatum Sow.-Fig. 4-6 S. plicatum Lam.



Tab. 525. Fig. 1. 2 Fusus alveolatus Sow.- Fig. 3. 4. F. cancellatus Sow.
Tab. 1-3. Gastrochaena tortuosa Sow.- Fig. 4.-9. G. contorta Sow.

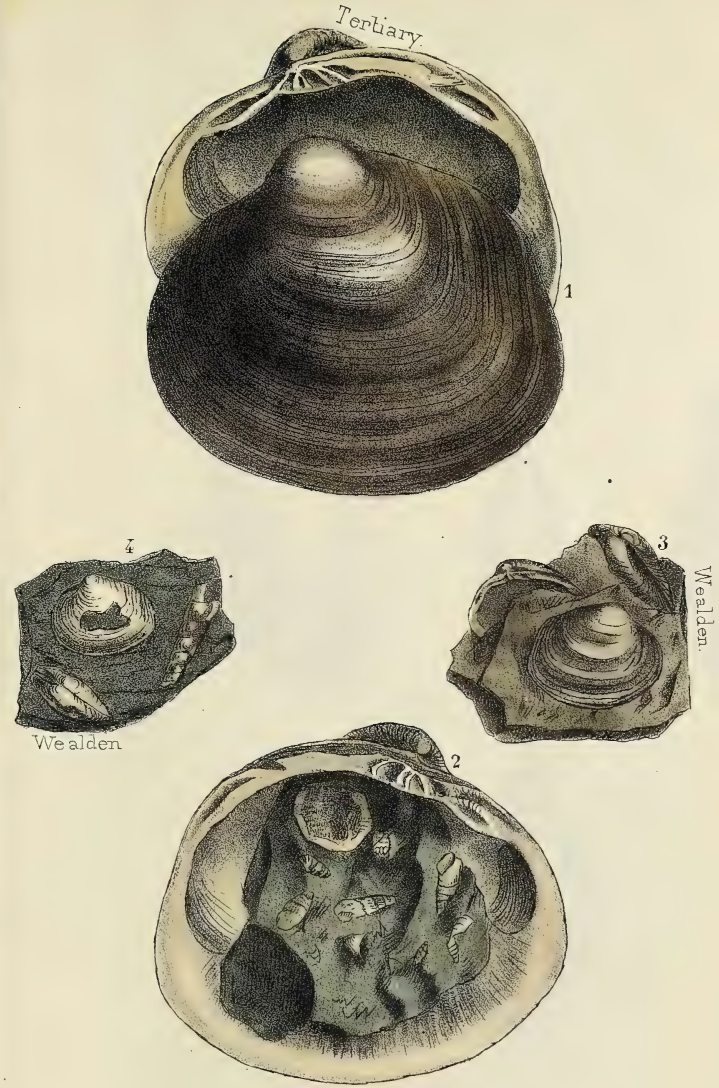


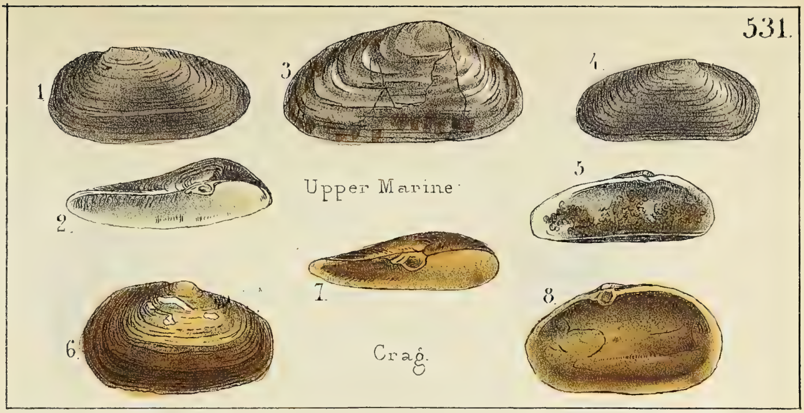
Fig. 1. 2. Cyclas pulchra Sow.-Fig. 3. C. media Sow.-Fig 4. C. membranacea Sow.

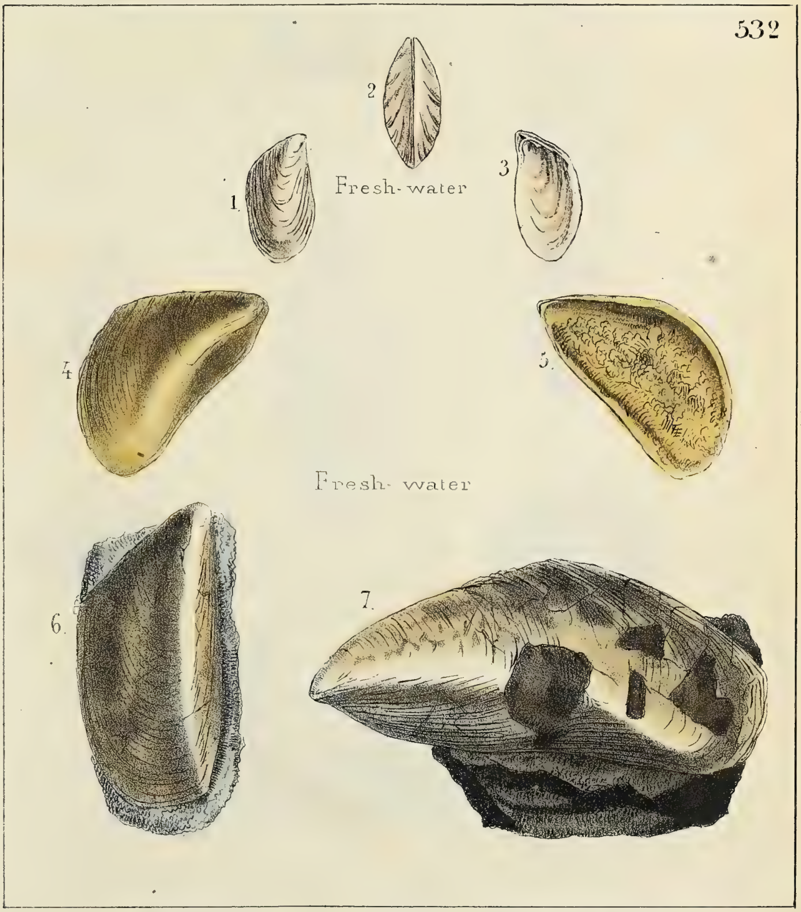
Fresh-Water

Fig. 1. 2. Linnea maxima Sow. Fig. 3. L. columellaris Sow.-Fig. 4. 5. L. pyramidalis Sow.

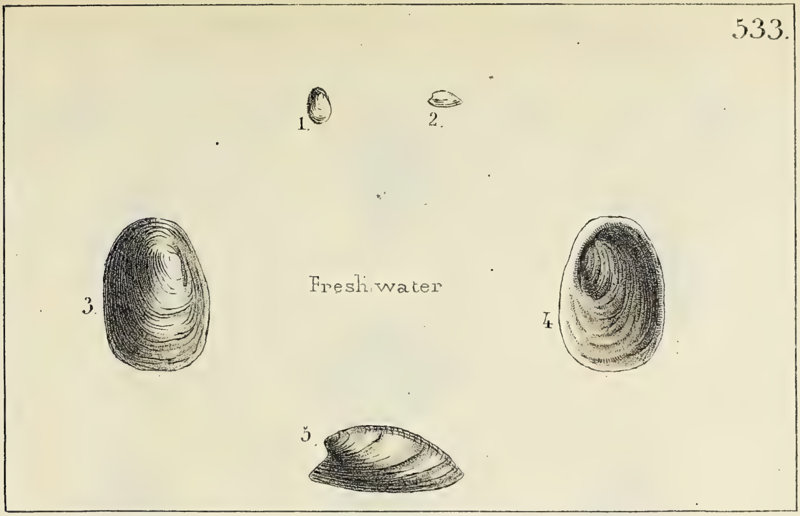
Fig. 1. 2. Nautilus excavatus Sow.- Fig. 3. 4. N. hexagonus Sow

Nautilus polygonalis Sow.

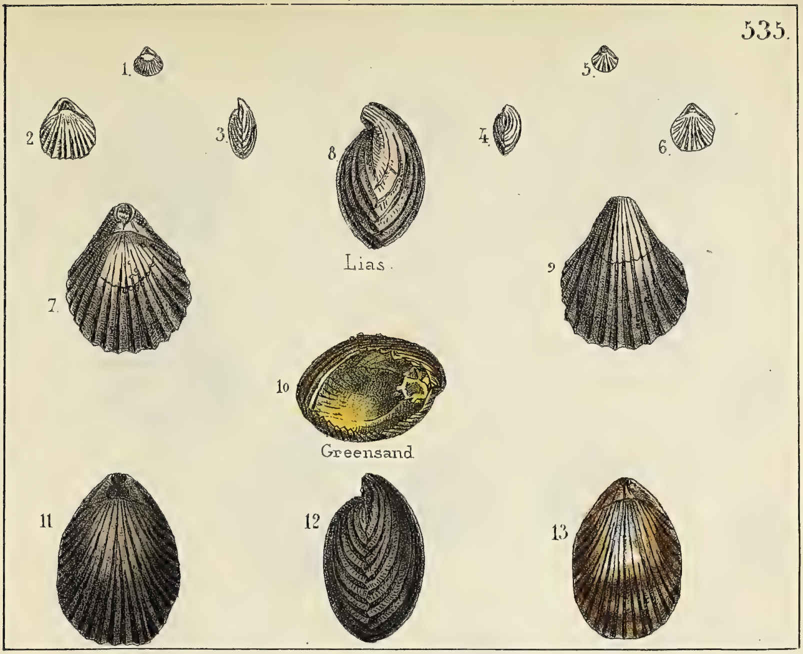


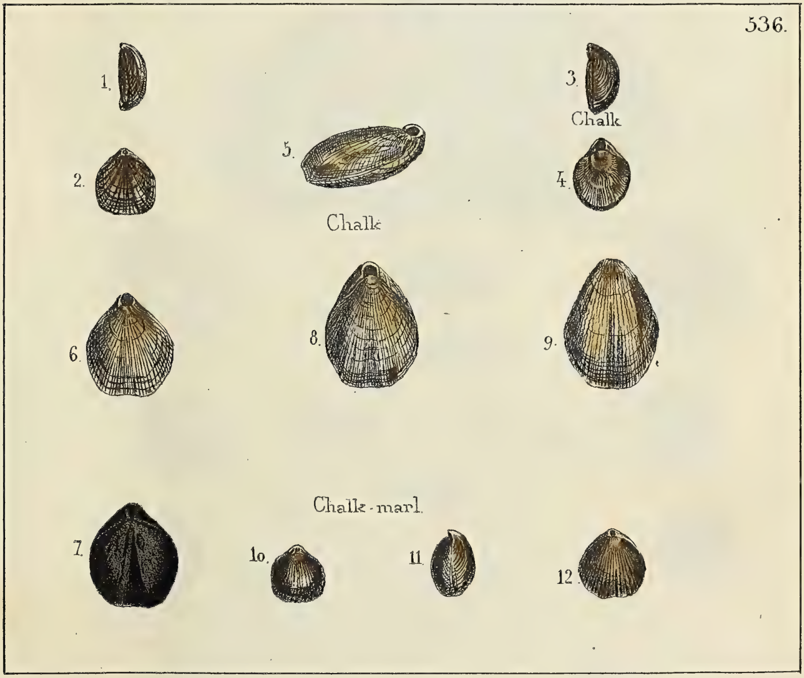


Tab. 531. Fig. 1–5. Mya angustata Sow.–Fig. 6–8. M. Pullus Sow.
Tab. 532. Fig. 1–3. Mytilus Brardii Faujas.–Fig. 4–7. M. affinis Sow.

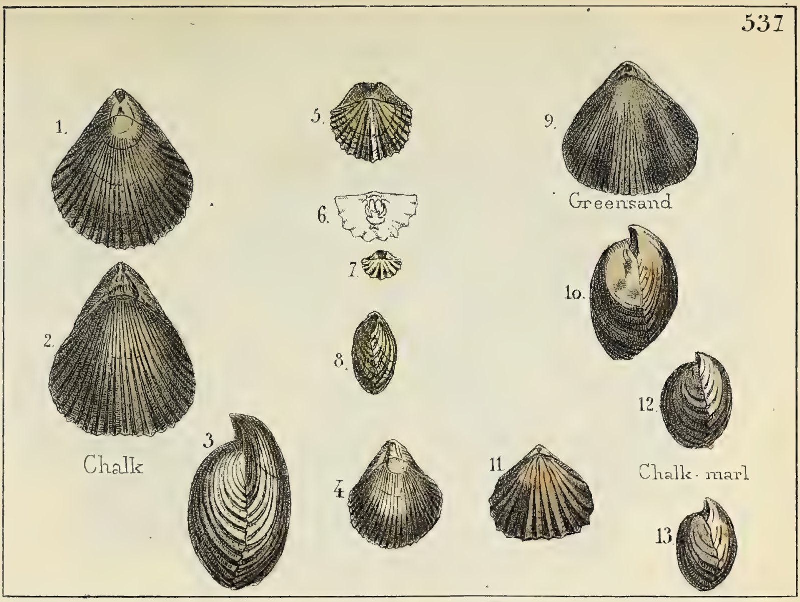


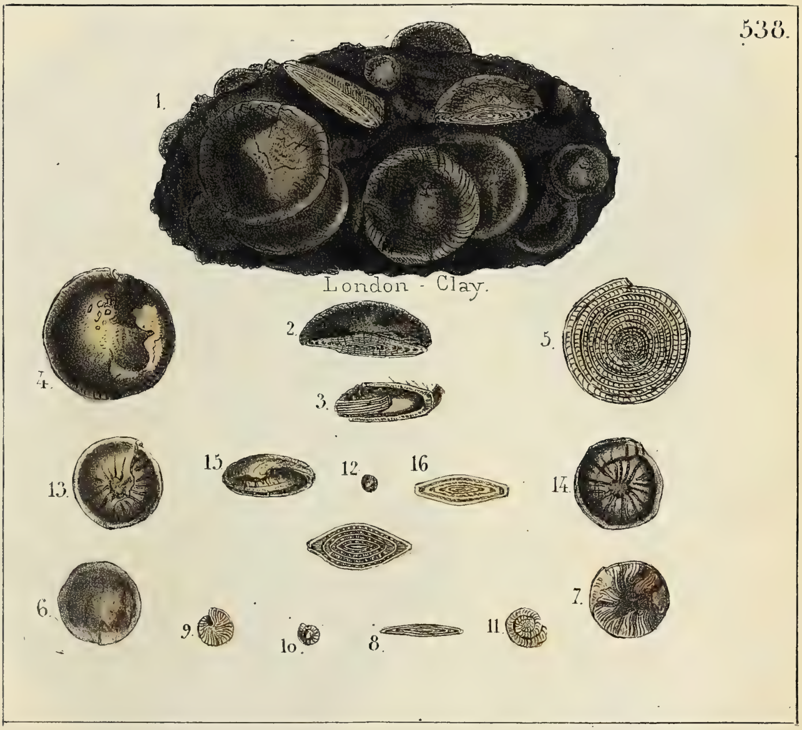
Tab. 533. Ancylus elegans Sow
Tab. 534 Fig. 1. 2. Lutraria striata Sow. Fig. 3. 4. L. carinifera Sow.
Fig. 5. 6. L. oblata Sow.





Tab. 535. Fig. 1-3. Terebratula flabellula Sow.-Fig. 4-6. Ter. furcata Sow.
Fig. 7-9. Ter. orbicularis Sow. Fig. 10. 13. Ter. oblonga Sow.
T. 536. Fig. 1. 2. Terebratula hemisphaerica Sow.-Fig. 3. 4. Ter. rijida Sow.
F. 5. 9. Ter. striatula Mant. Fig. 10. 12. Ter. Pisum Sow.

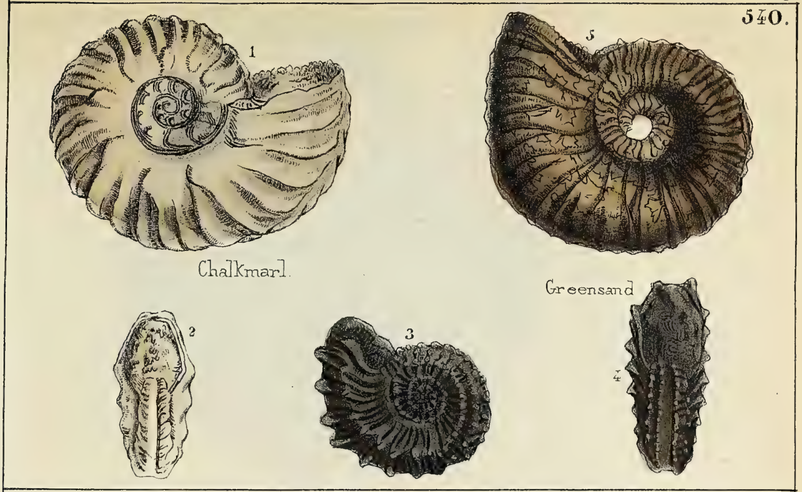




Tab. 537. Fig. 1-4. Terebratula rostrata Sow. - Fig. 5-8. Ter. truncata Sow.
Fig. 9. 10. Ter. Gibbsiana Sow. - Fig. 11-13. Ter. Mantelliana Sow.
T. 538. F. 1-5. Nummularia laevigata Lam. - Fig. 6-11. N. elegans Sow.
Fig. 12-17. N. variolaria Sow.

Ammonites Benettianus Sow.

540.



541.

Tab.540. Fig.1.2. Ammonites denarius Sow.- Fig.3.4.5 A. spinosus Sow.-
Tab.541. Pecten obsoletus Sow

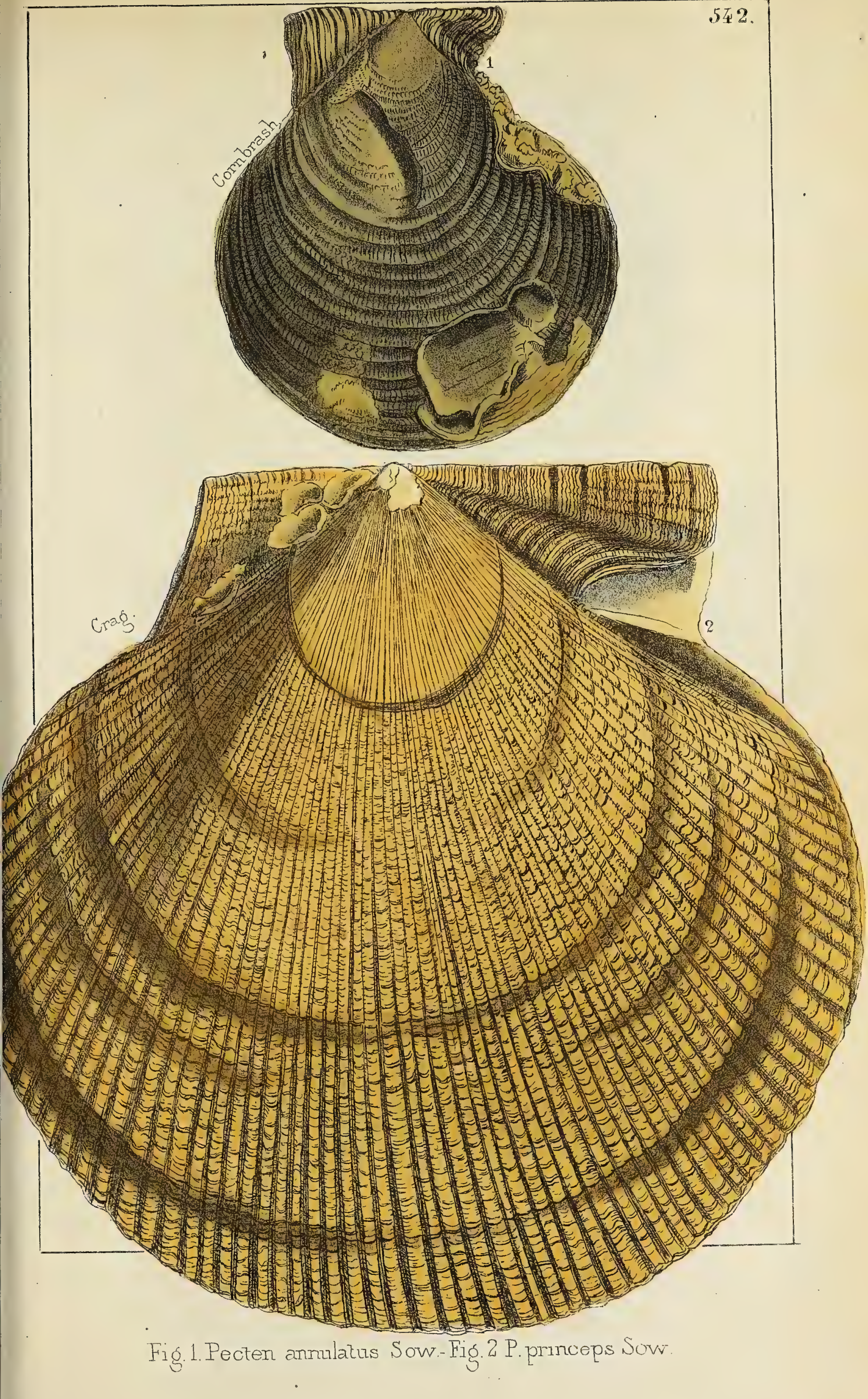


Fig. 1. Pecten annulatus Sow.-Fig. 2 P. princeps Sow.

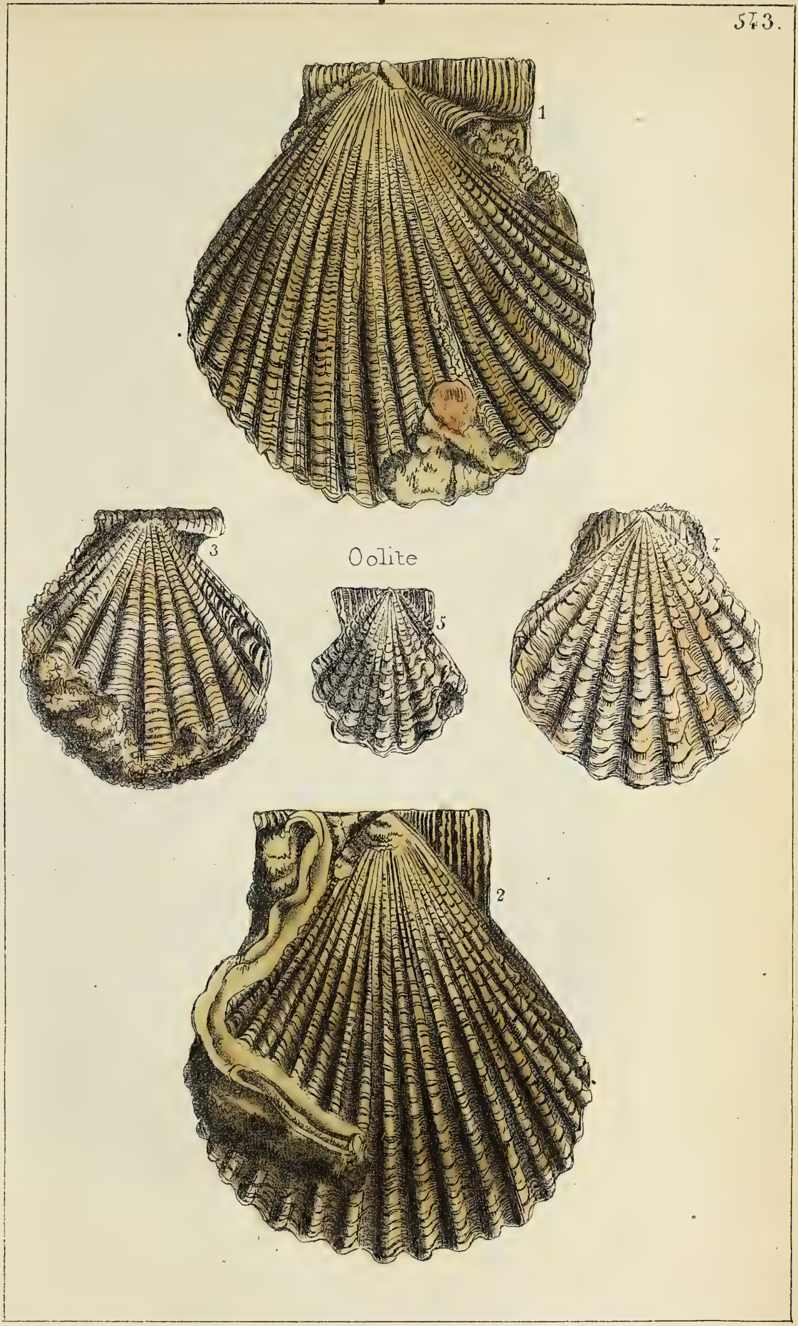
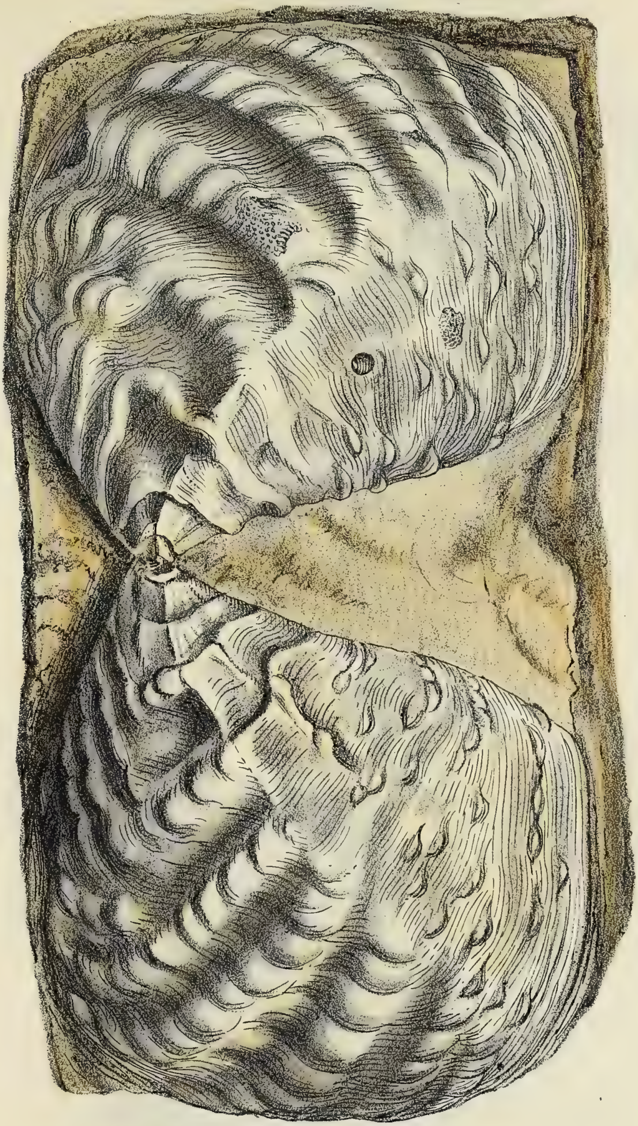


Fig. 1.2 Pecten vimineus Sow.-Fig. 3.4.5 P. vagans. Sow.

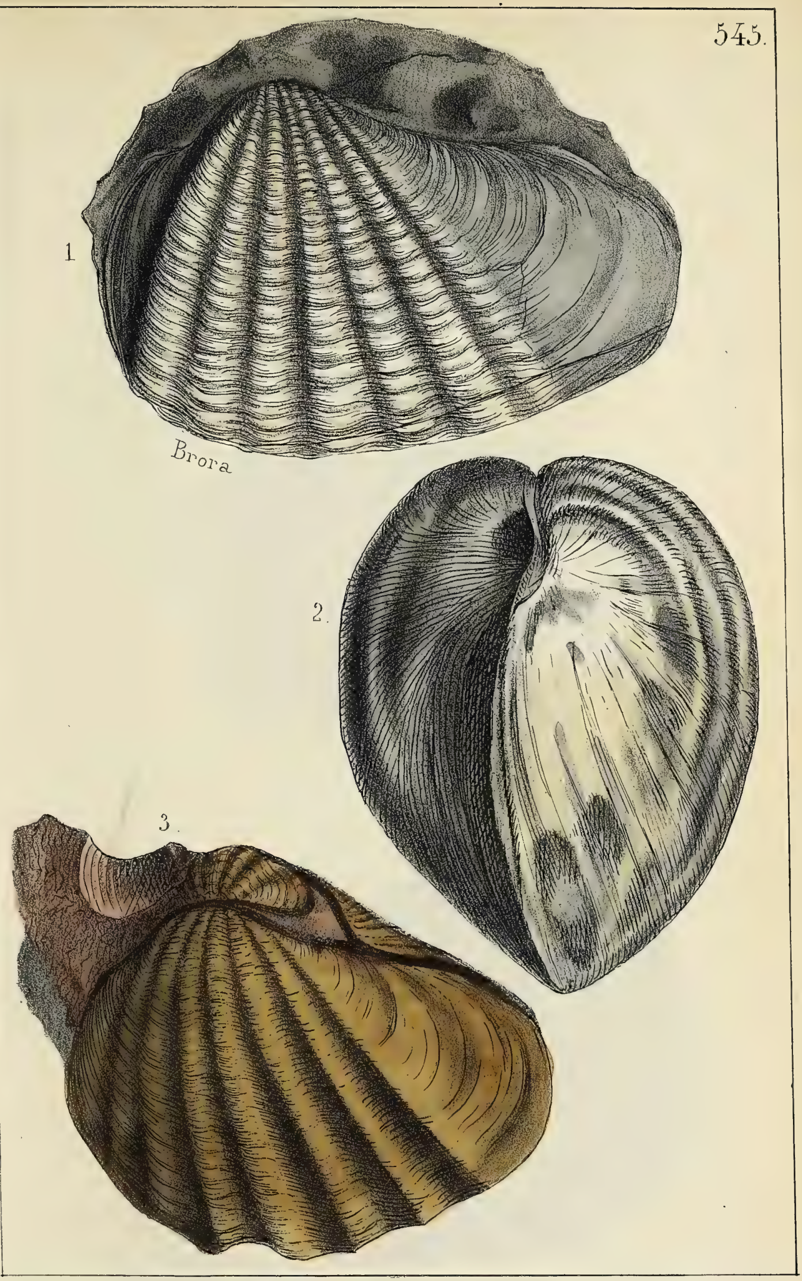
544

Greensand



Trigonia spectabilis Sow.

545.



Pholadomya Murchisoni Sow.

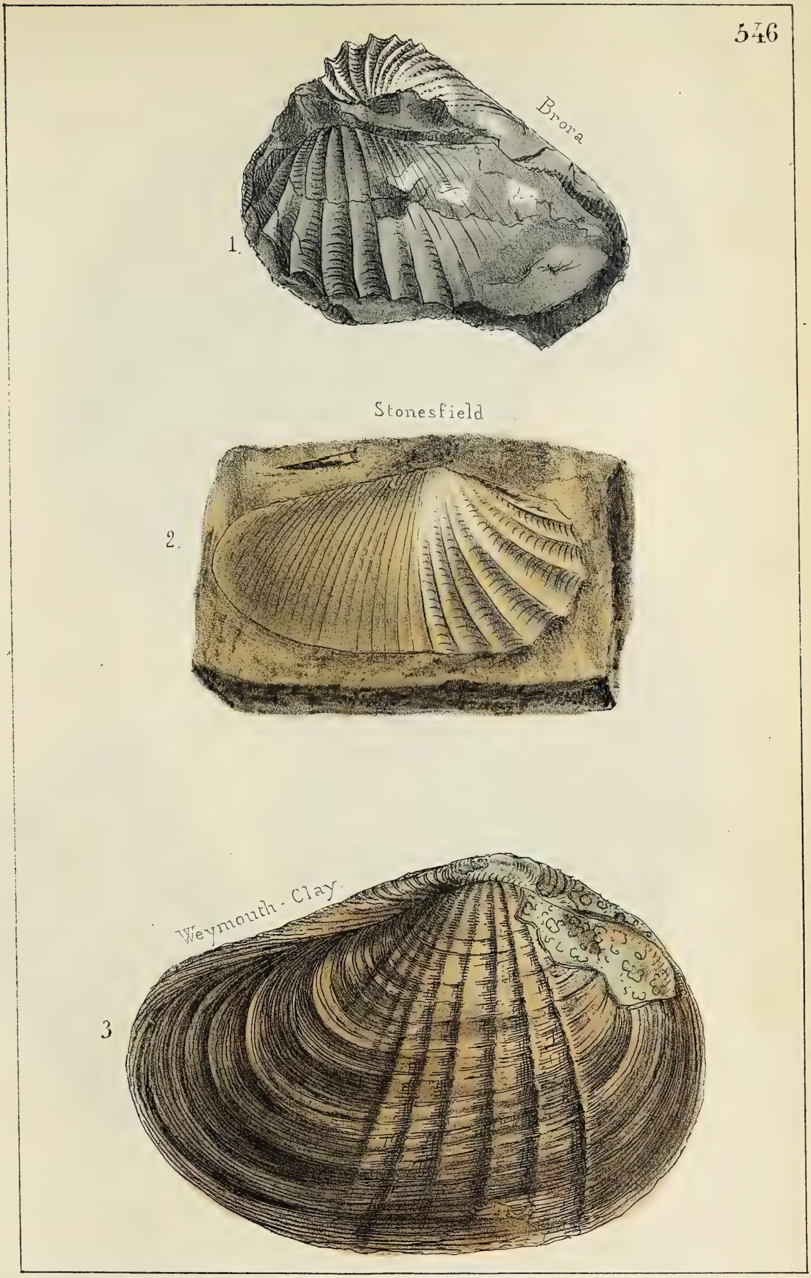


Fig. 1. 2. Pholadomya acuticosta Sow.
Fig. 3. P. aequalis Sow.

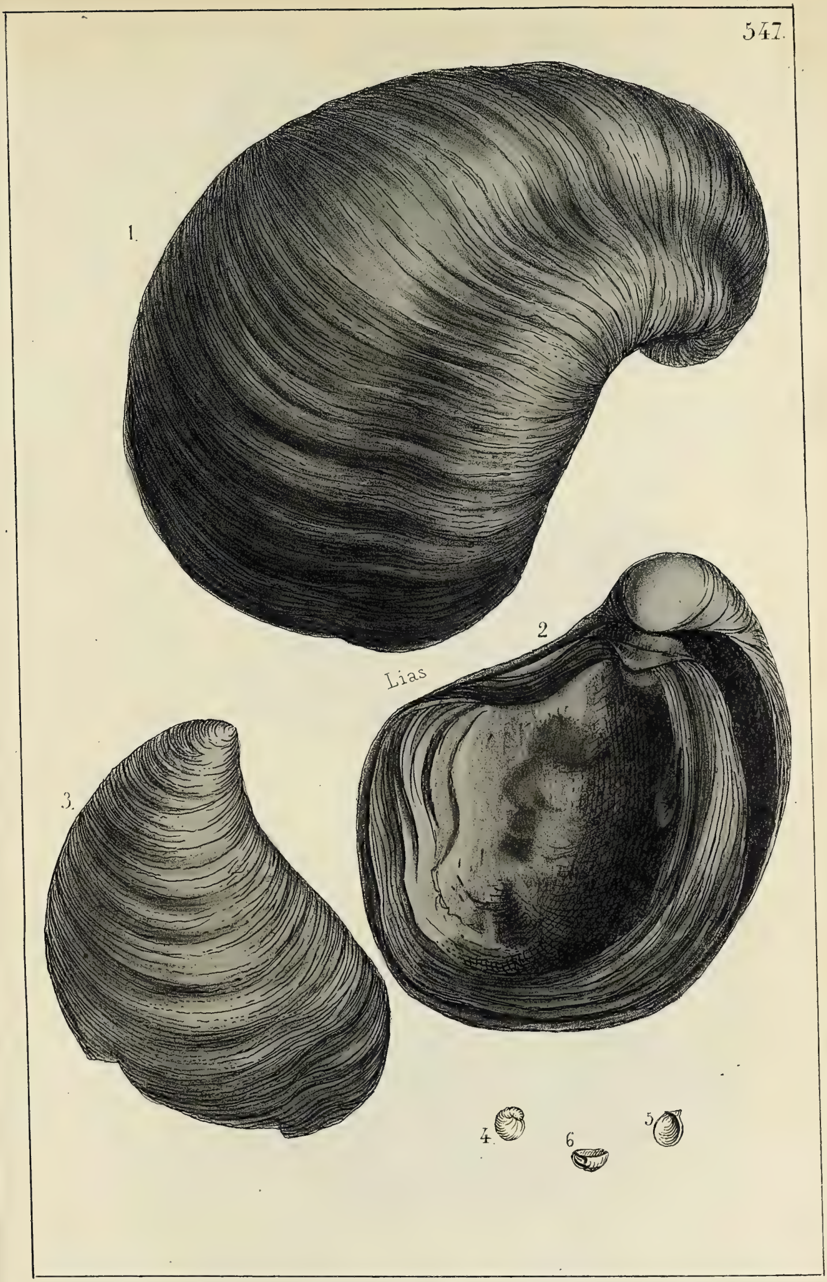
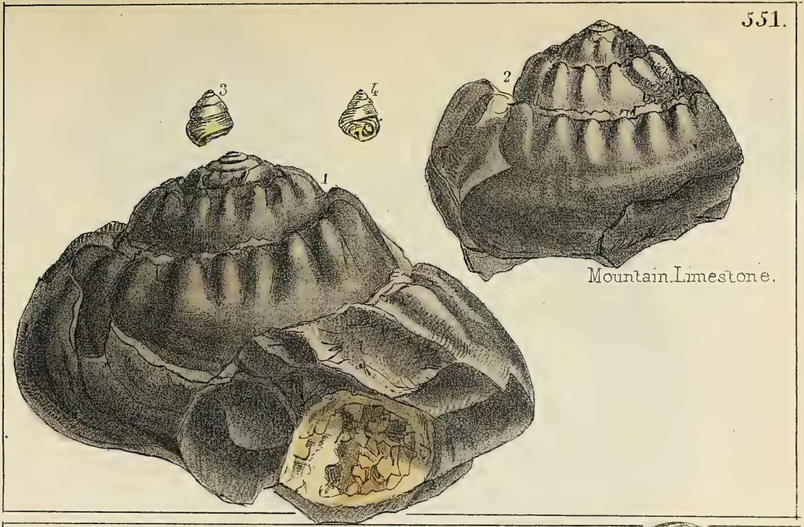


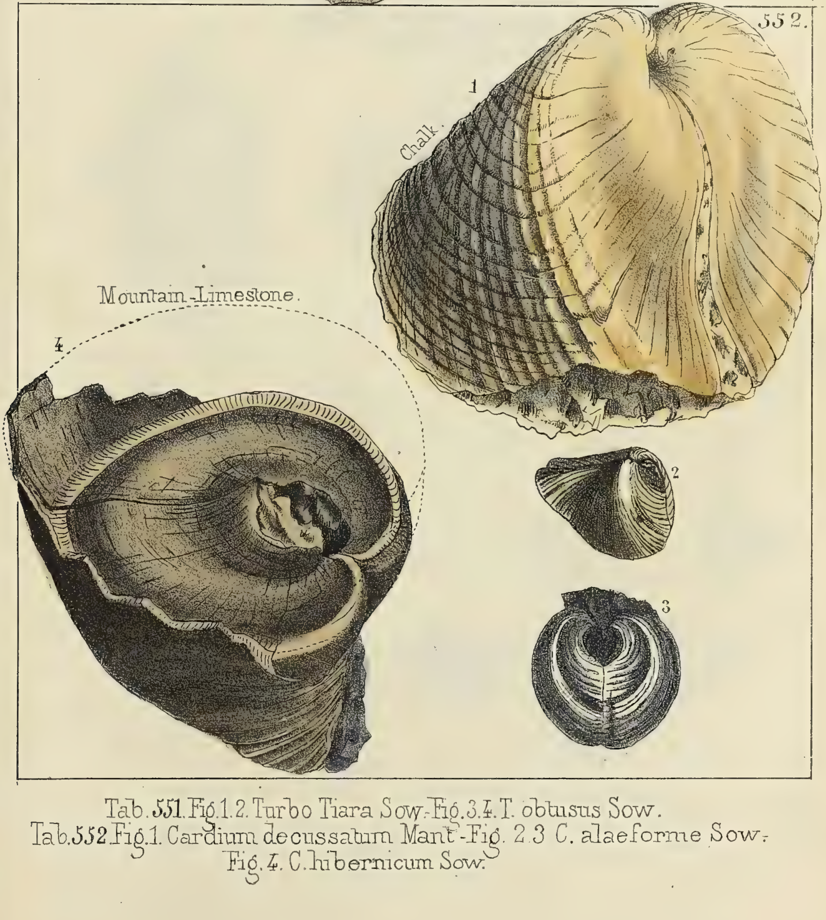
Fig. 1. 2. 3. Ostrea Maccullochii Sow. Fig. 4. 5. 6. O. minuta Sow.

Fig. 1: 2. Sanguinolaria undulata Sow - Fig. 3. S. gibbosa Sow.

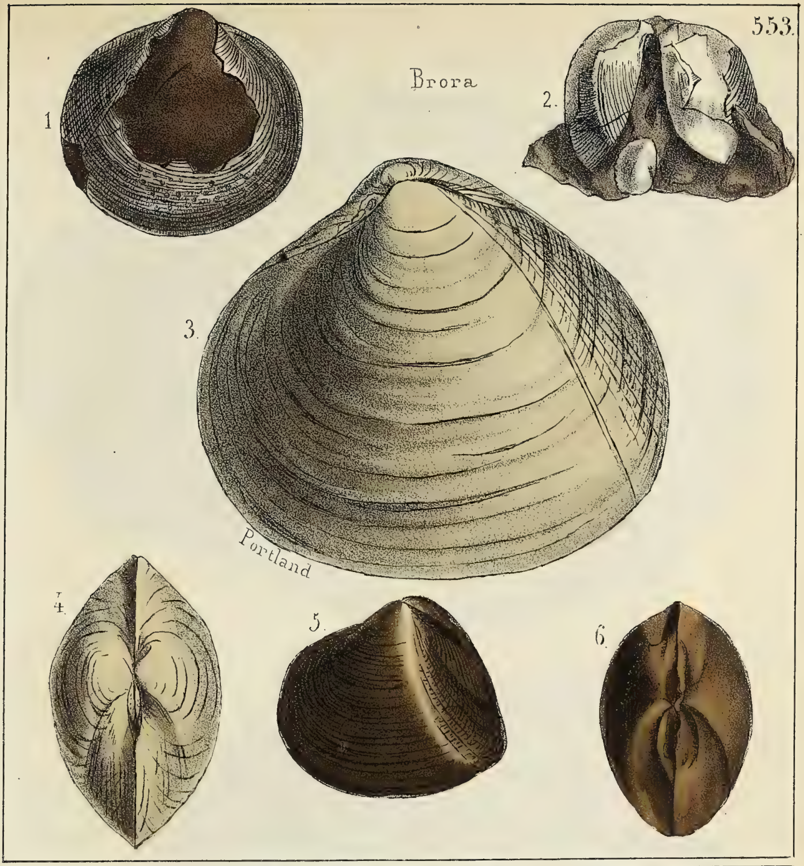
Fig.1.2. Ammonites Selliguinus Brongn.-Fig.3.4. A.Gowerianus Sow.

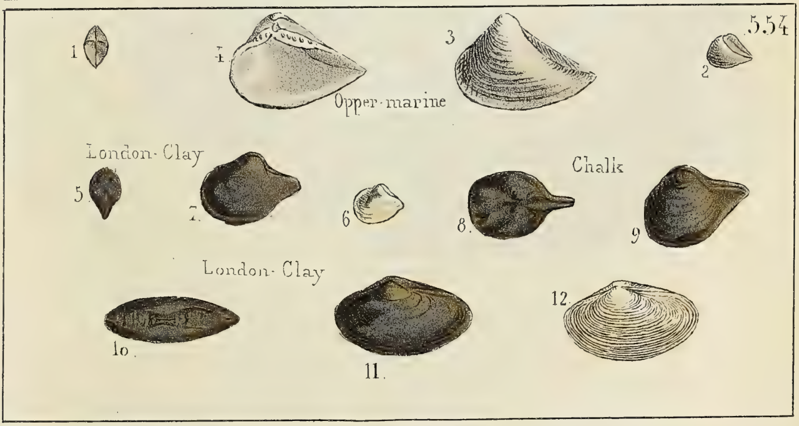
Ammonites Murchisonae Sow.





Tab. 551. Fig. 1. 2. Turbo Tiara Sow. Fig. 3. 4. T. obtusus Sow.
Tab. 552. Fig. 1. Cardium decussatum Mant. Fig. 2. 3. C. alaeforme Sow.
Fig. 4. C. hibernicum Sow.





Tab. 553. Fig 1.2. Cardium striatulum Sow. Fig. 3.4. C. dissimile Sow. Fig. 5.6. C. truncatum Sow.
Tab. 554. Fig. 1_4. Nucula deltoïdea Lam. Fig. 5_7. N. inflata Sow. Fig. 8.9. N. undulata Sow.
Fig. 10_12. N. amygdaloïdes Sow.

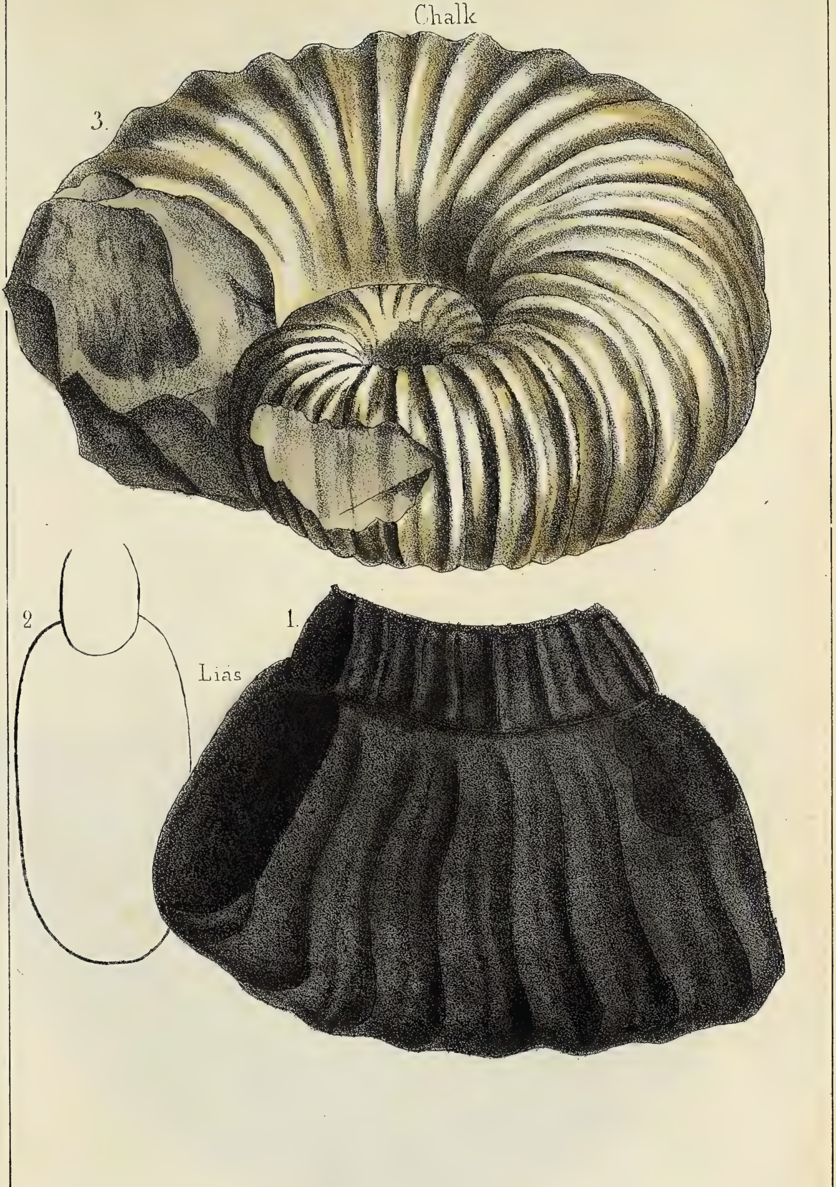


Fig. 1. 2. Ammonites Iamesoni Sow. - Fig. 3. A. navicularis Mant.

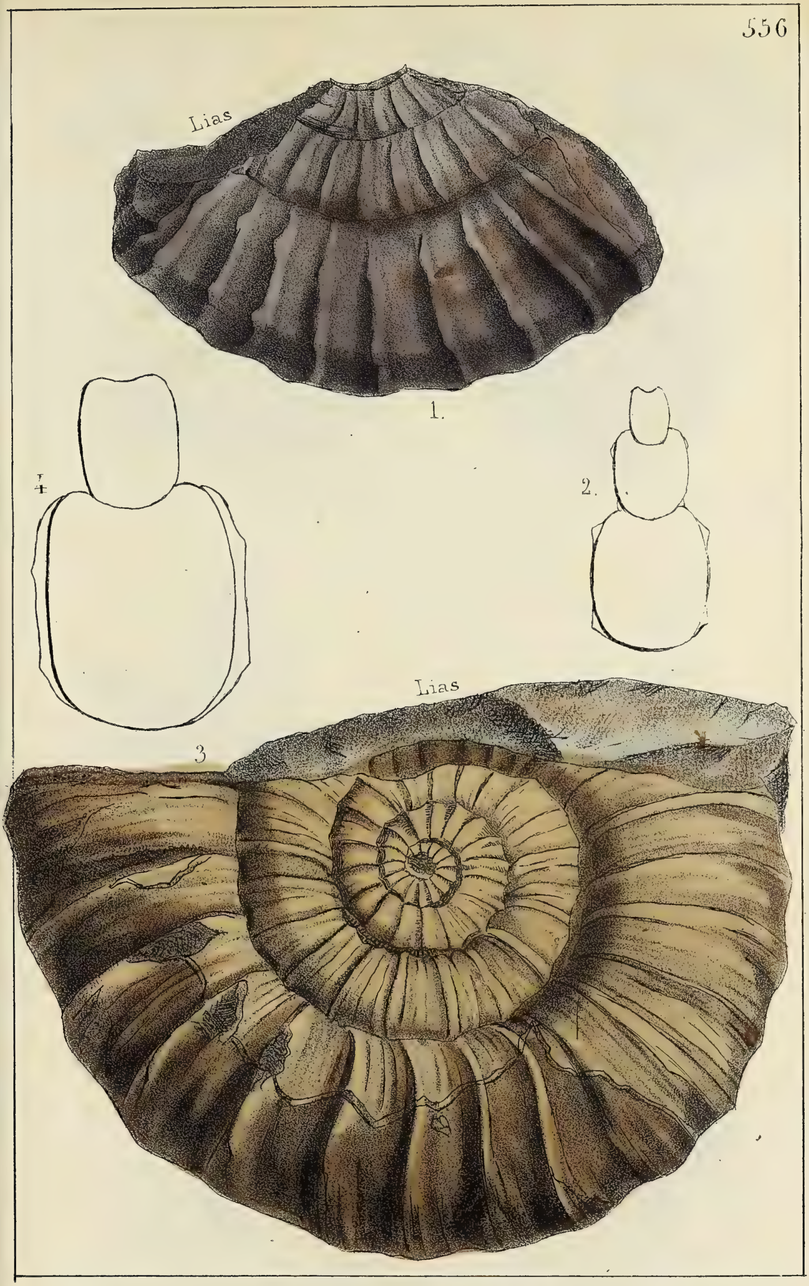
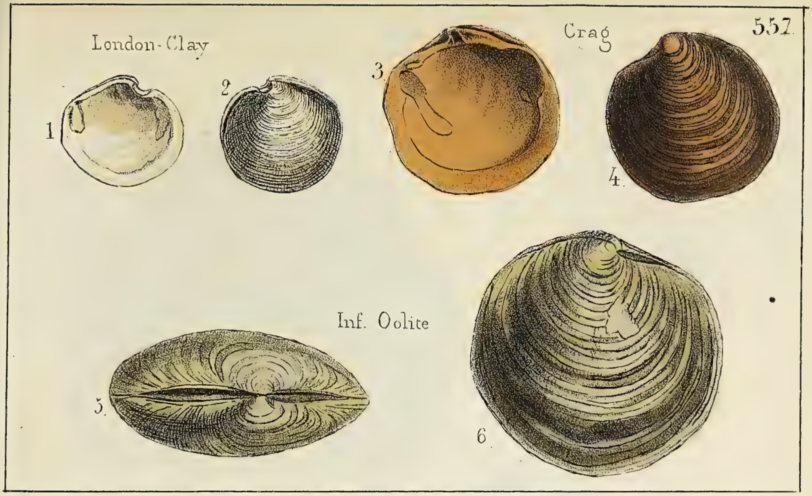
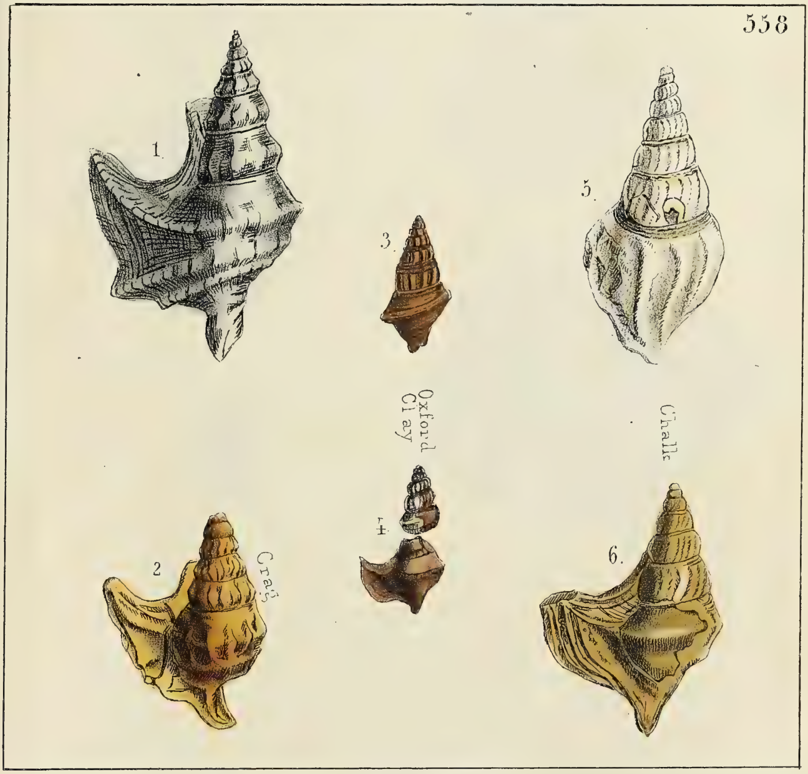


Fig. 1. 2. Ammonites lataecosta Sow. - Fig. 3. 4. A. brevispina Sow.





Tab. 557. Fig. 1. 2. Lucinamitis Desh. Fig. 3.4. L. antiquata Sow. Fig. 5. 6. L. crassa Sow.
T. 558. F. 1 2. Rostellaria Pes-Pelicani Lam. - Fig. 3. 4. R. composita Sow.
Fig. 5. 6. R. Parkinsoni Mant.

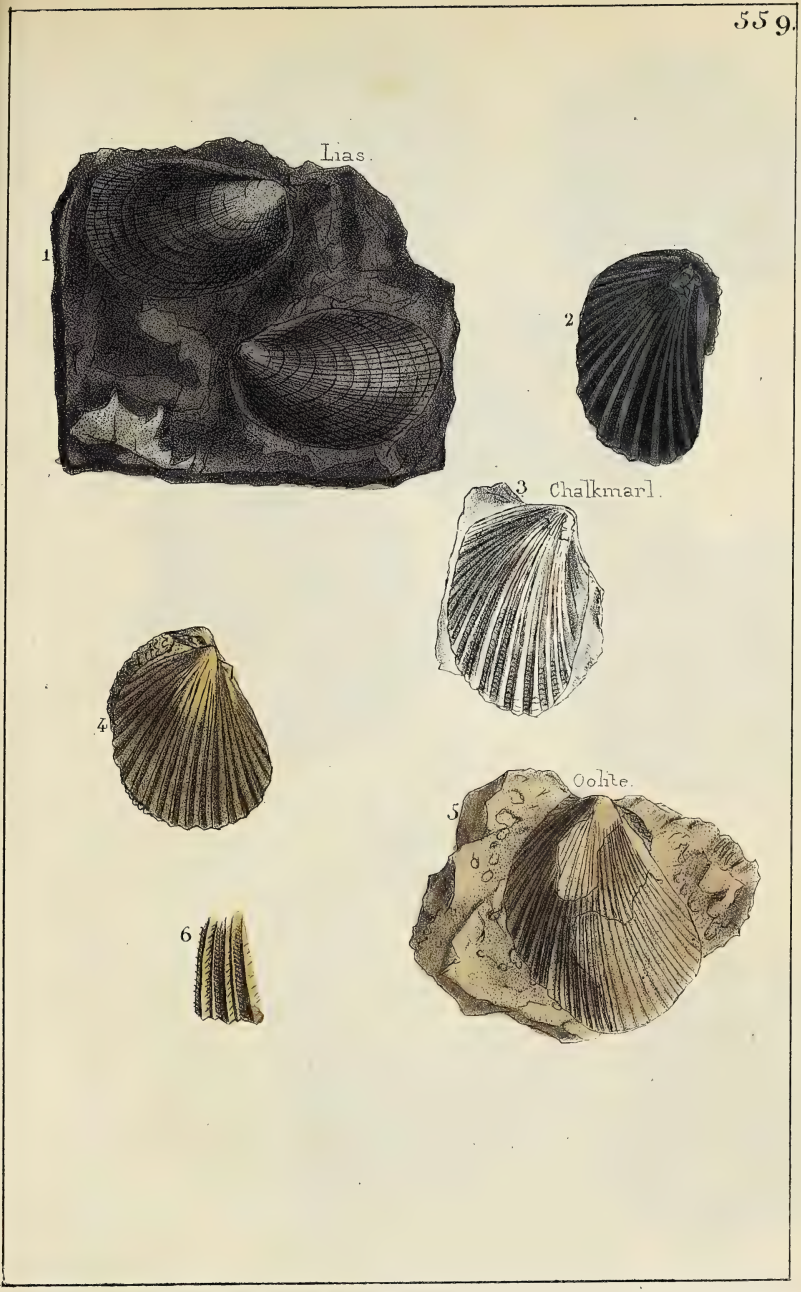


Fig.1 Plagiostoma concentricum Sow. Fig.2.3 P. elongatum Sow.-Fig.4.5.6. P. duplicatum Sow.

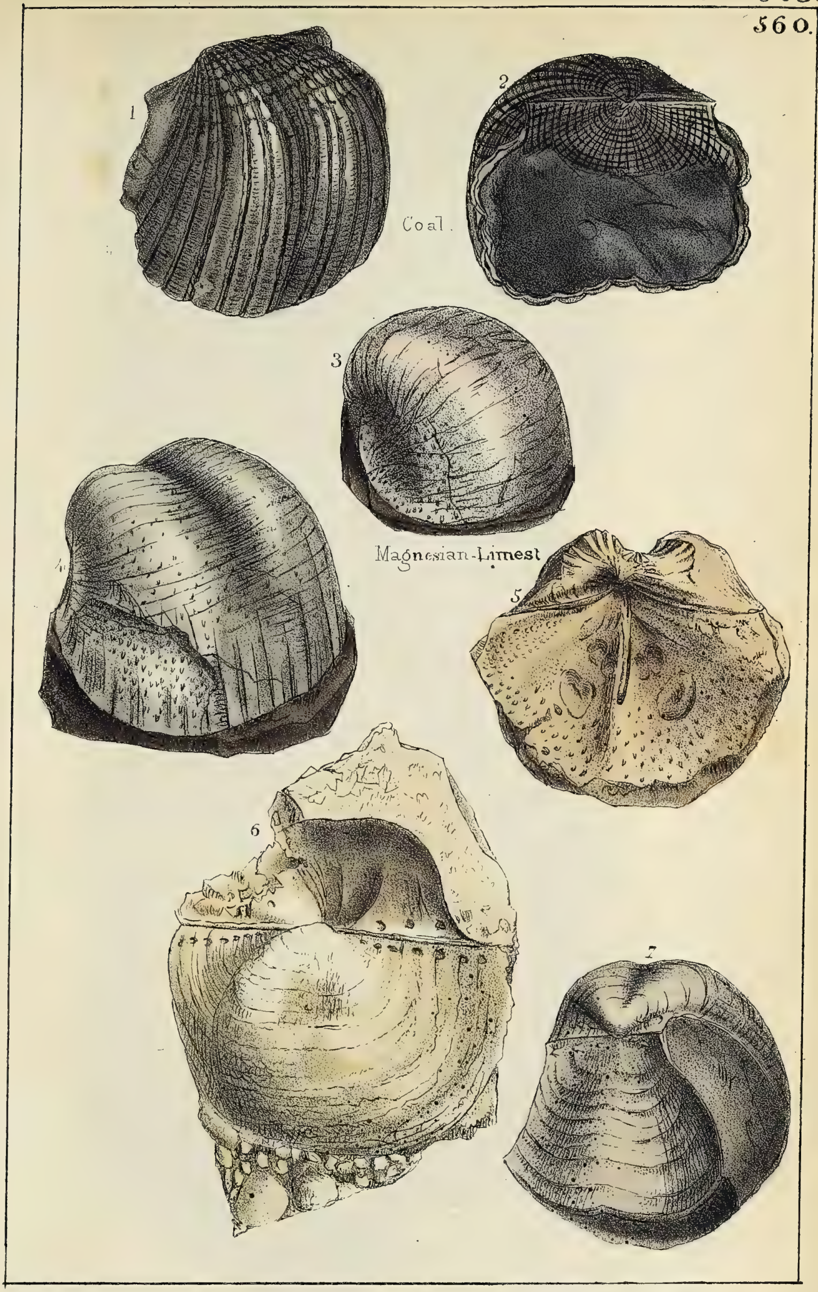


Fig.1.2 Productus costatus Sow.- Fig.3.-7. P. calvus Sow.

Productus hemisphaericus Sow.

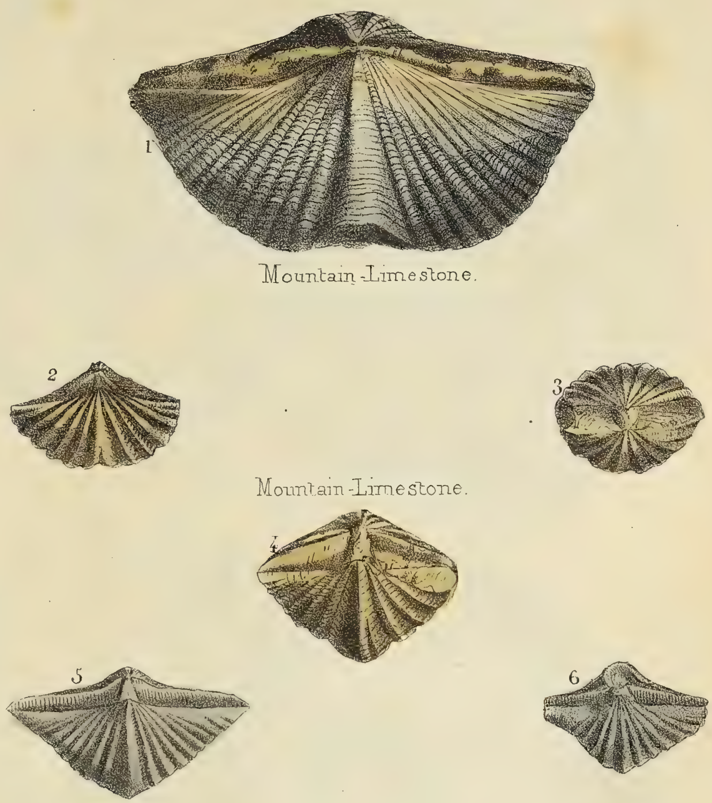


Fig. 1. Spirifer undulatus Sow.- Fig. 2.3.4. S. octoplicatus Sow.
Fig. 5.6. S. triangulatus Sow.

563.

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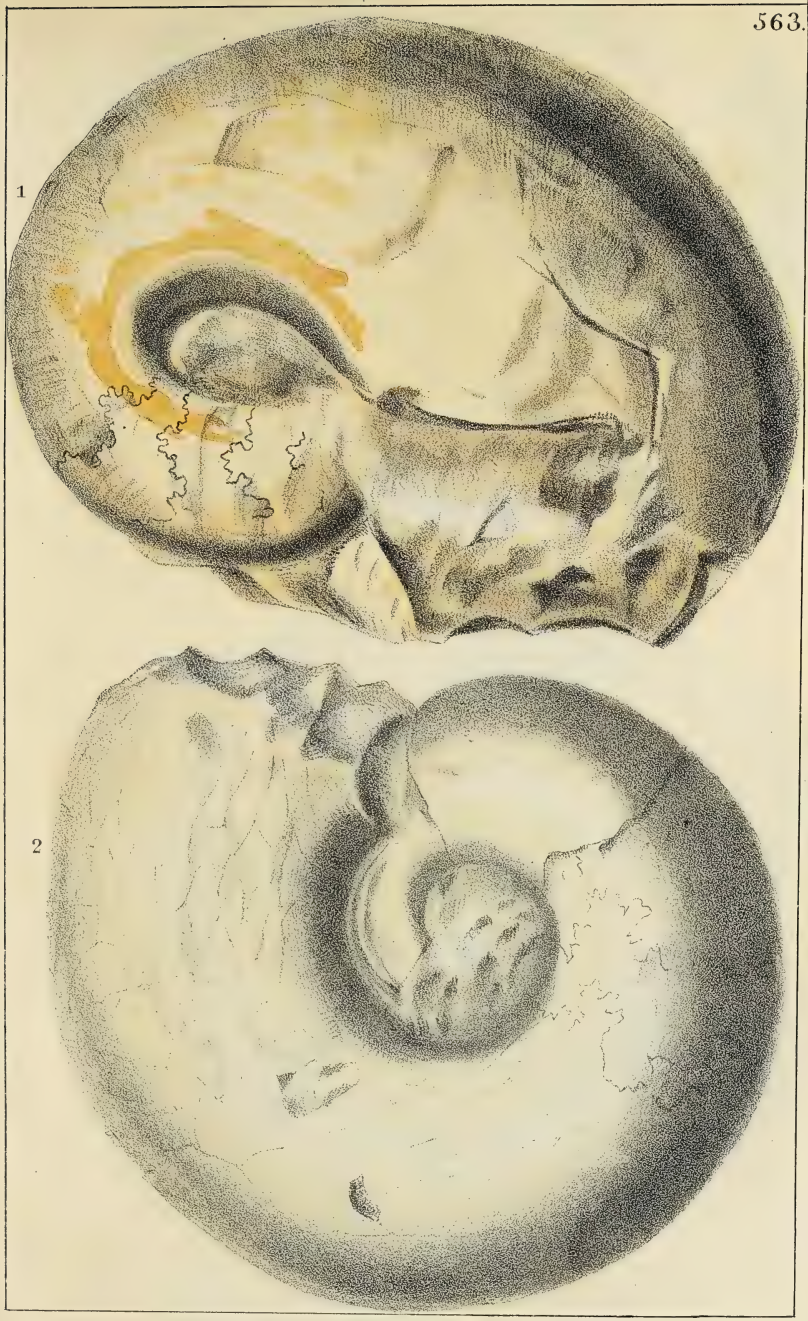


Ammonites Sutherlandiae Murch.

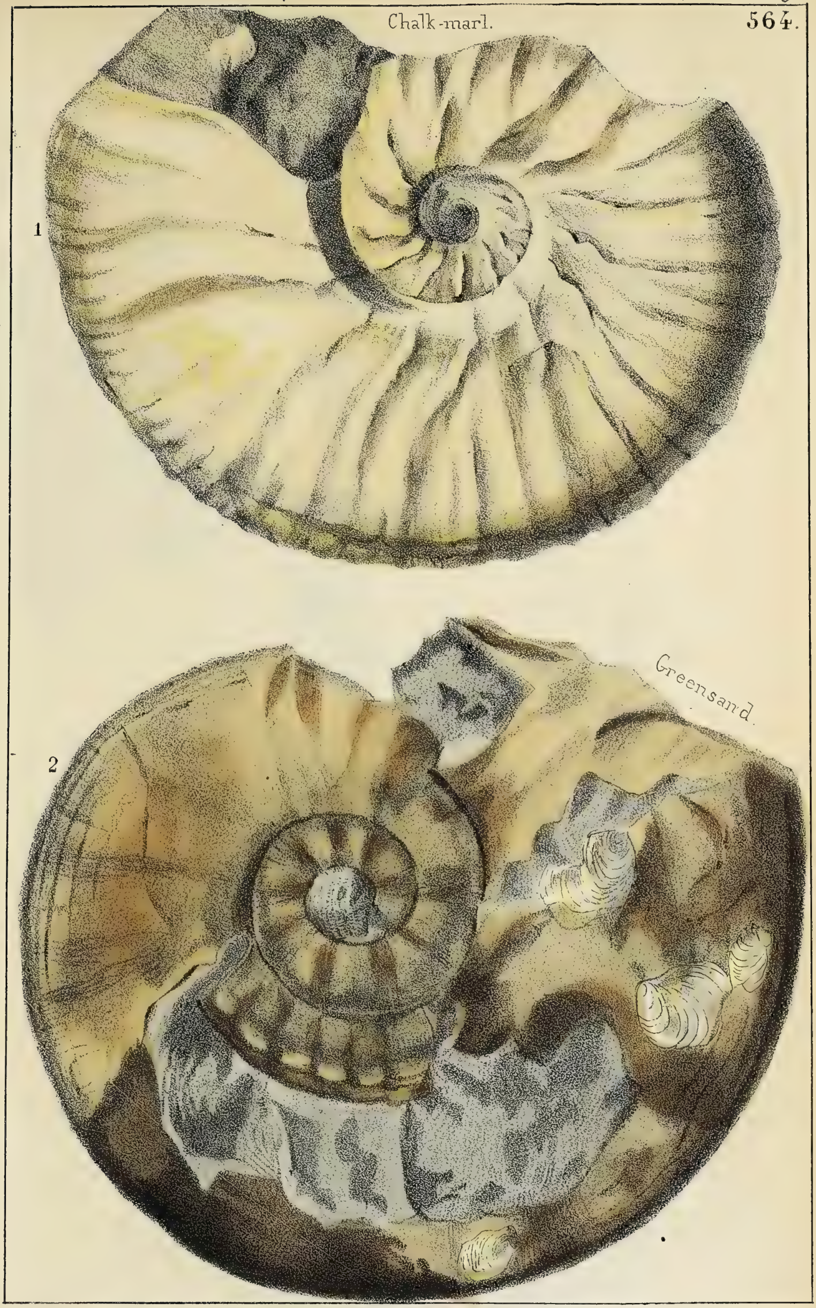


Fig. 1. Ammonites cinctus Sow.- Fig. 2 Am. catillus Sow.

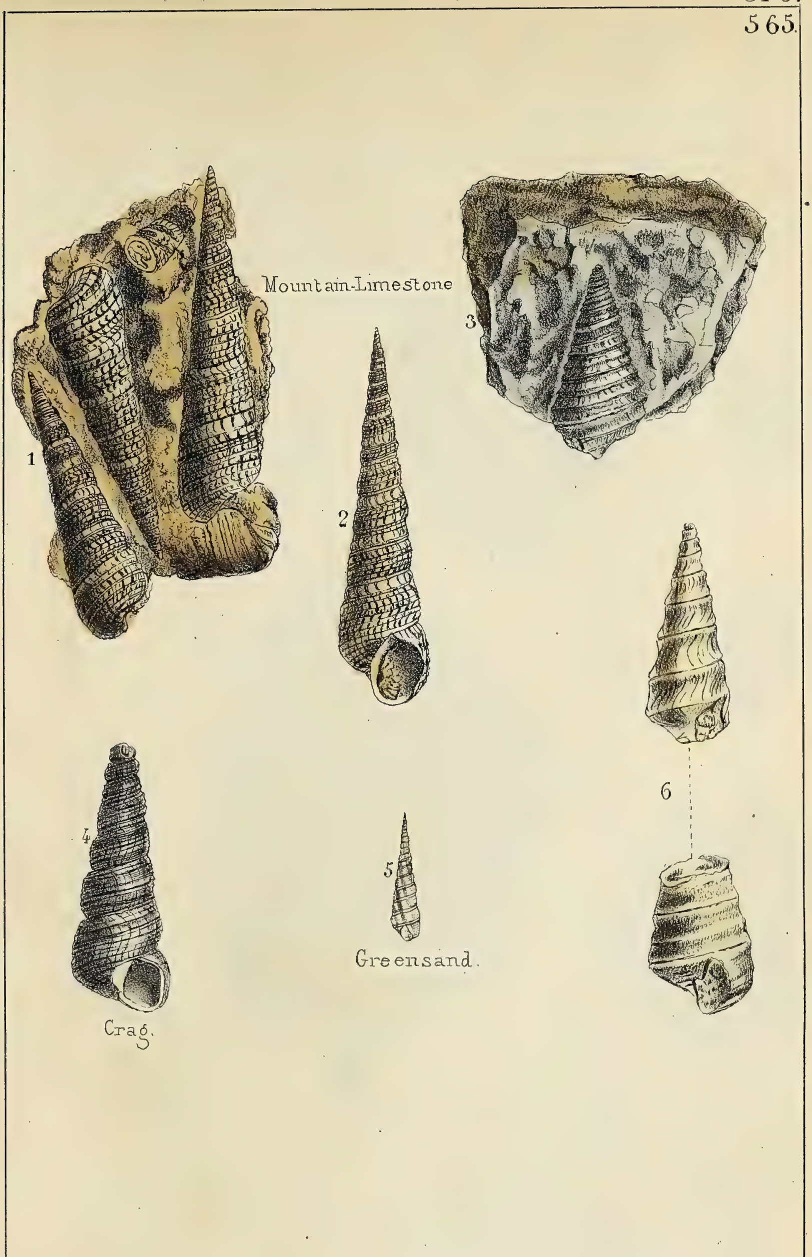


Fig. 1.2 Turitella granulata Sow.- Fig. 3 T. abbreviata Sow.- Fig. 4. T. terebra Sow.- Fig. 5. T. costata Sow.- Fig. 6. excavata Sow.

Mountain-limestone.

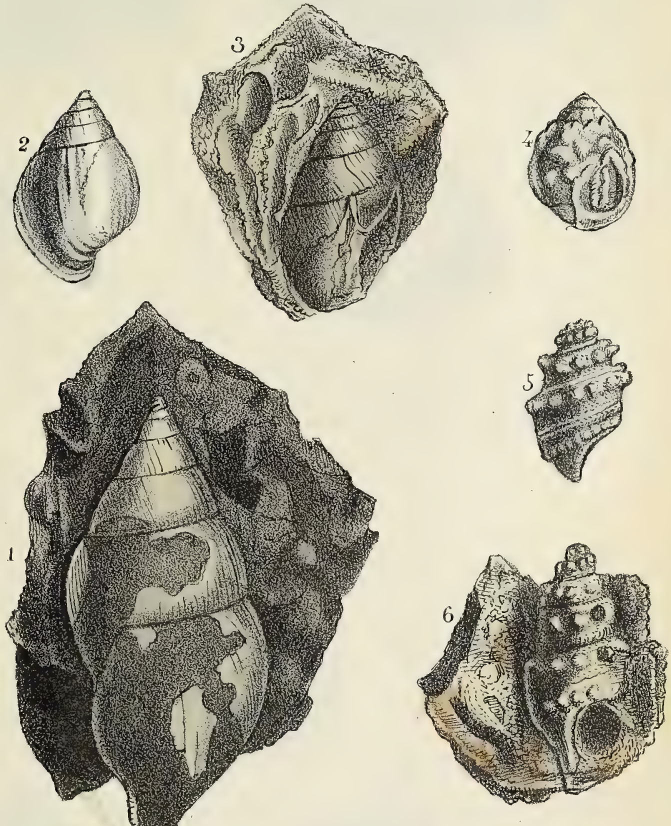
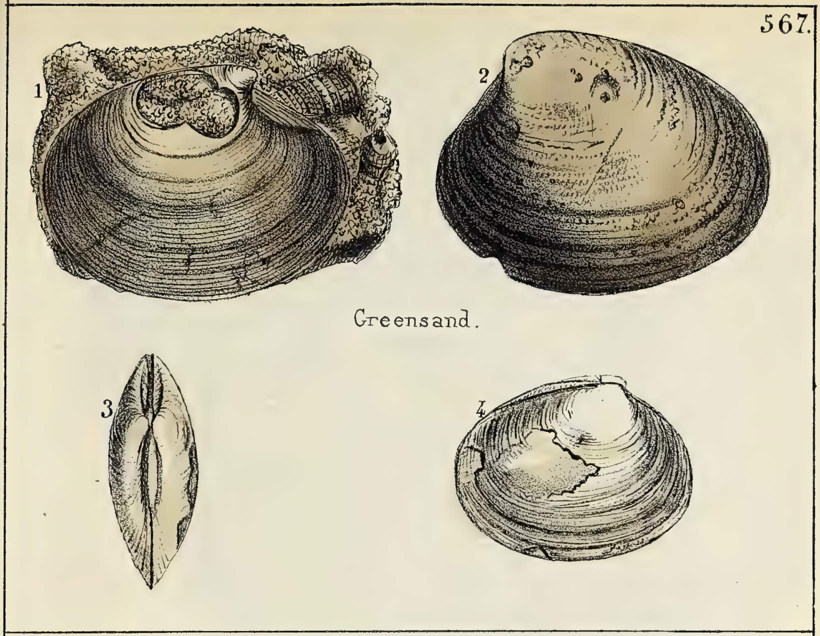
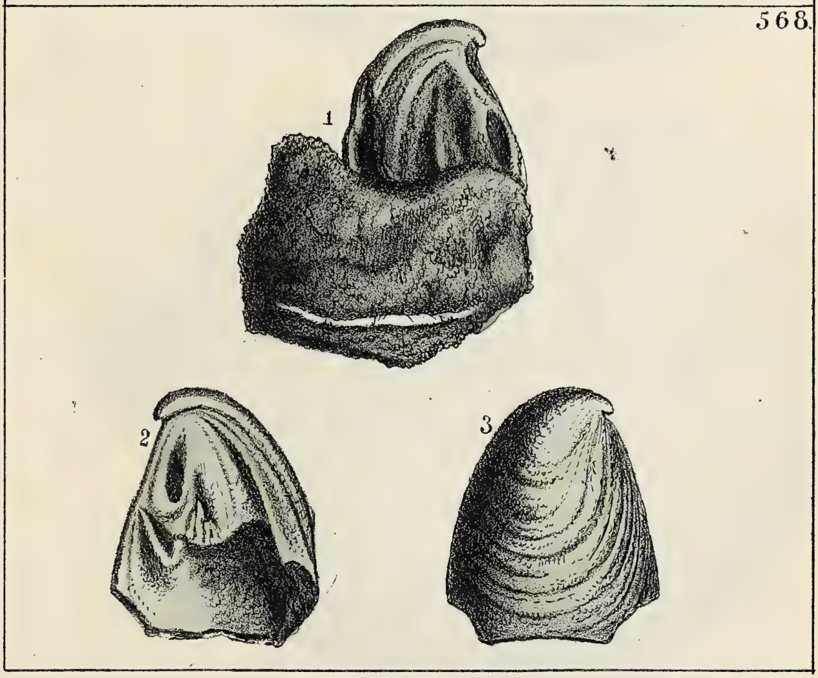


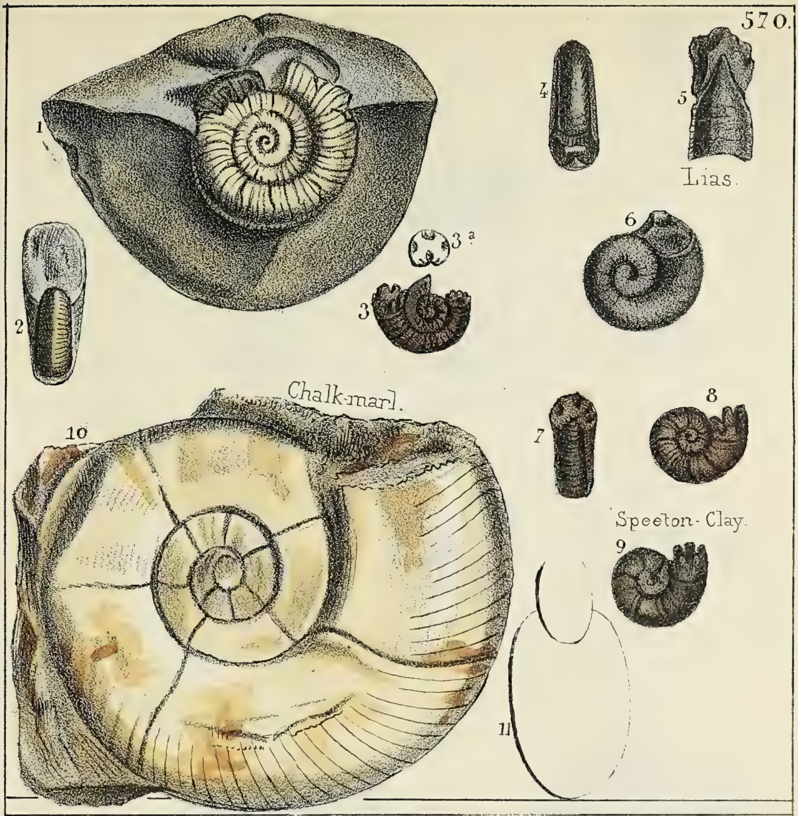
Fig. 1. Buccinum acutum Sow.-Fig. 2.3. B. imbricatum. Sow.-
Fig. 4.5 B. breve Sow.-Fig. 6 B. spinosum Sow.

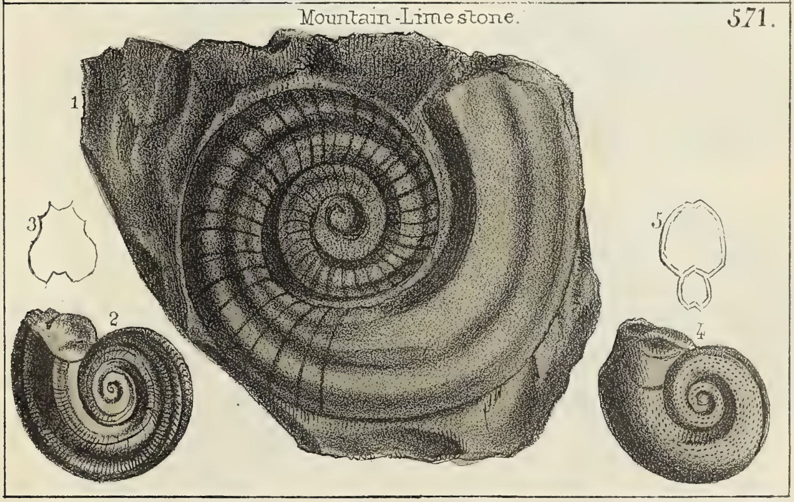




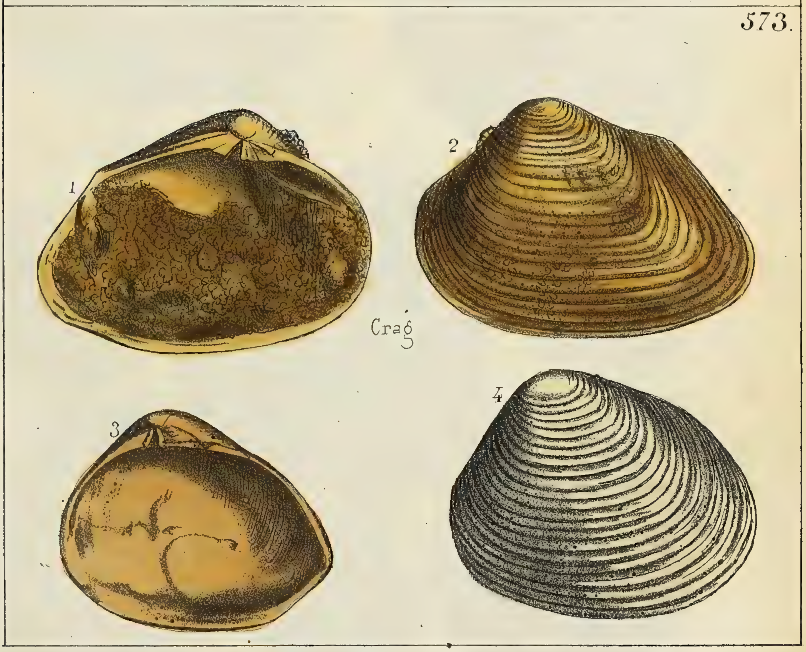
Tab.567.Fig.1.2.Venus ovalis Sow.-Fig.3.4.Venus faba Sow.
Tab.569.Megalodon cucullatus Sow.

Fig. 1. Ammonites complanatus Sow.-Fig. 2. Am. undatus Sow.

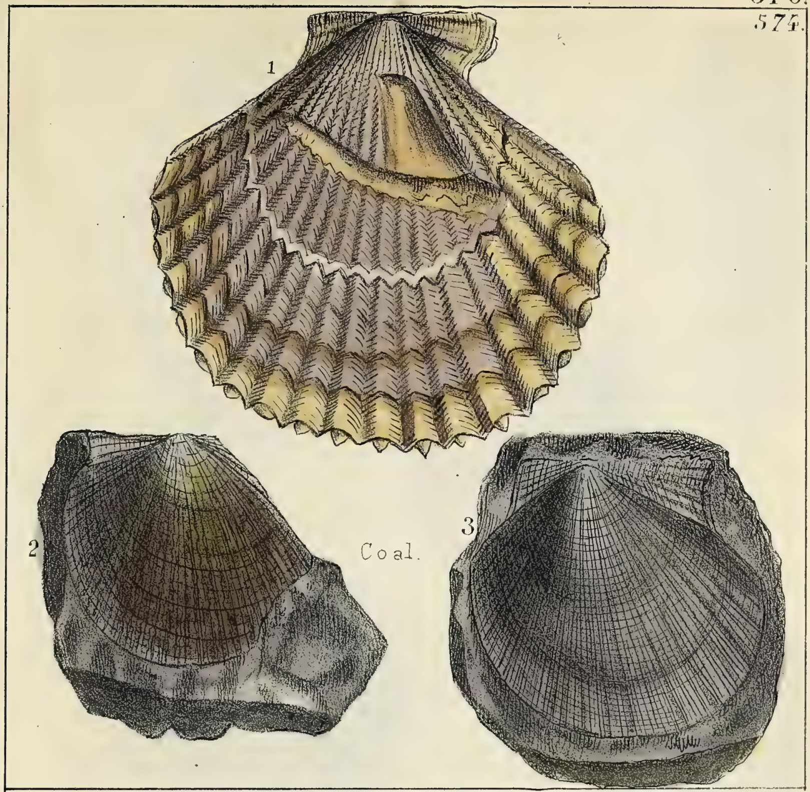


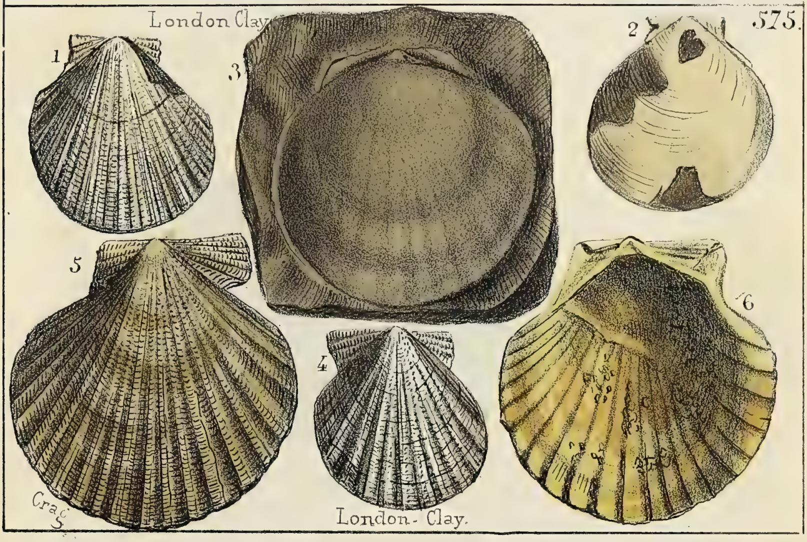


Tab. 570. Fig. 1. 2. 3. Ammonites Bakeriae Sow.- Fig. 4. 5. 6. Am. laevigatus Sow.- Fig. 7. 8. 9. Am Rotula Sow.- Fig. 10. 11. Am. planulatus Sow.
Tab. 571. Fig. 1. 2. 3. Nautilus sulcatus Sow.- Fig. 4. 5. N. Woodwardi. Mart.



Tab. 572. Fig. 1. 2. 3. Corbula elegans Sow.- Fig. 4. 5. 6 C. striatula Sow.-
Fig. 7. 8. 9. C. rotundata Sow.- Fig. 10. C. obscura Sow.-
Tab. 573 Petricola laminosa Sow.





Tab. 574. Fig. 1 Pecten dentatus Sow.- Fig. 2. P. granosus Sow.- Fig. 3. P. plicatus Sow.
Tab. 575. Fig. 1. 2. 3. P. duplicatus Sow.- Fig. 4. P. carinatus. Sow. Fig. 5. 6 P. reconditus Sow.

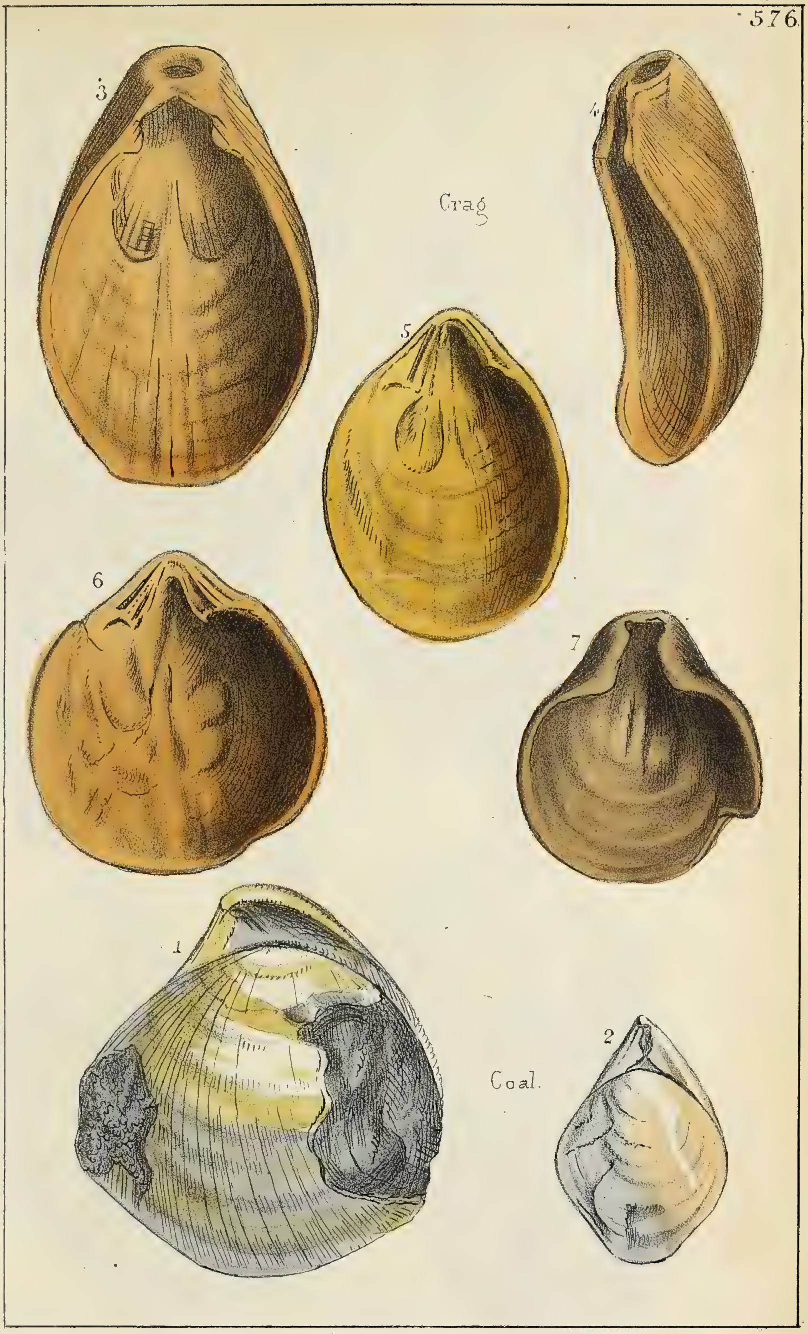
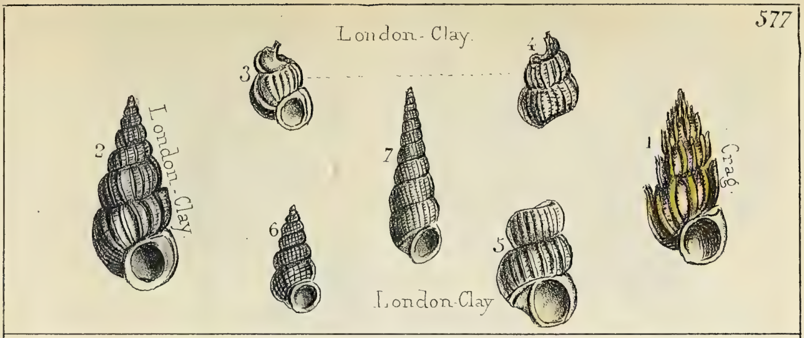
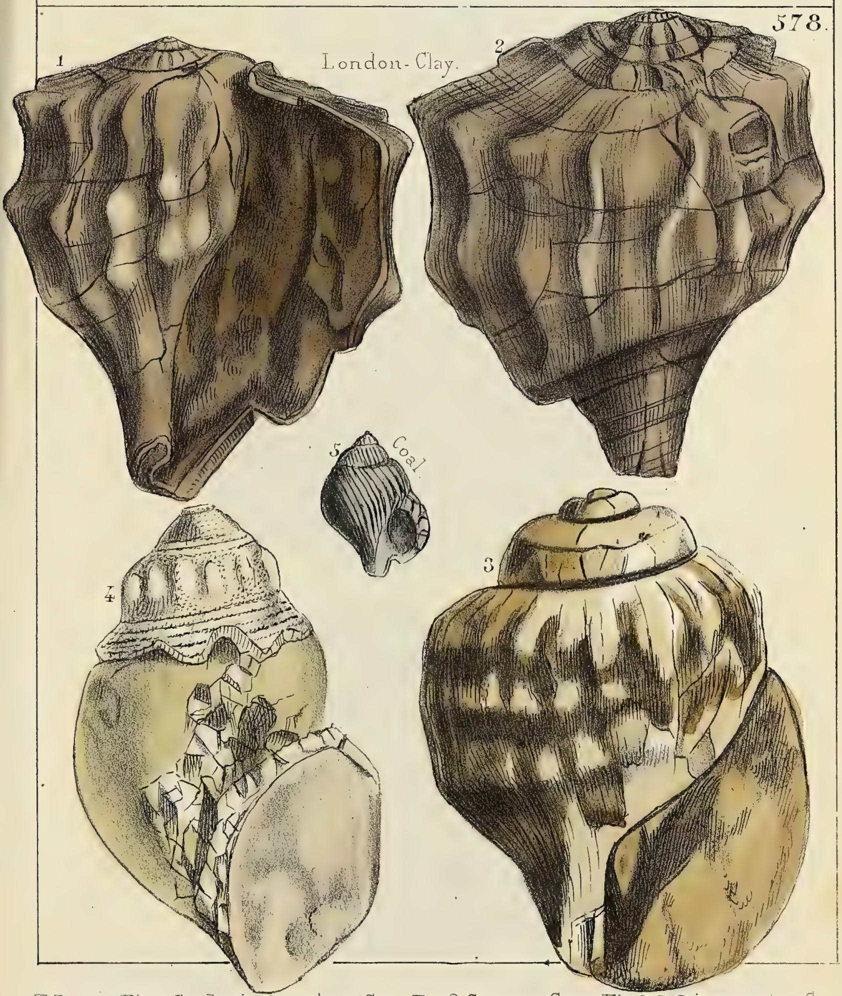


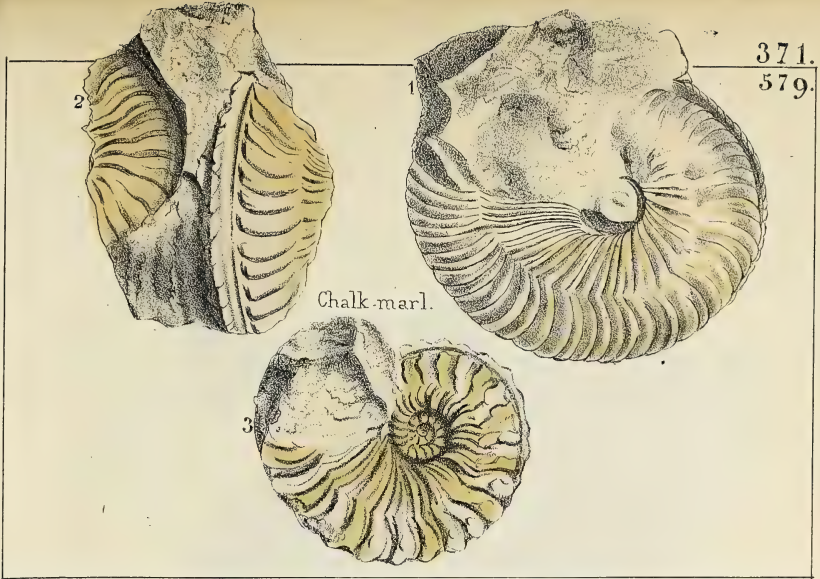
Fig. 1. 2. Terebratula prorecta Sow. Fig. 3 - 7 T. variabilis. Sow.



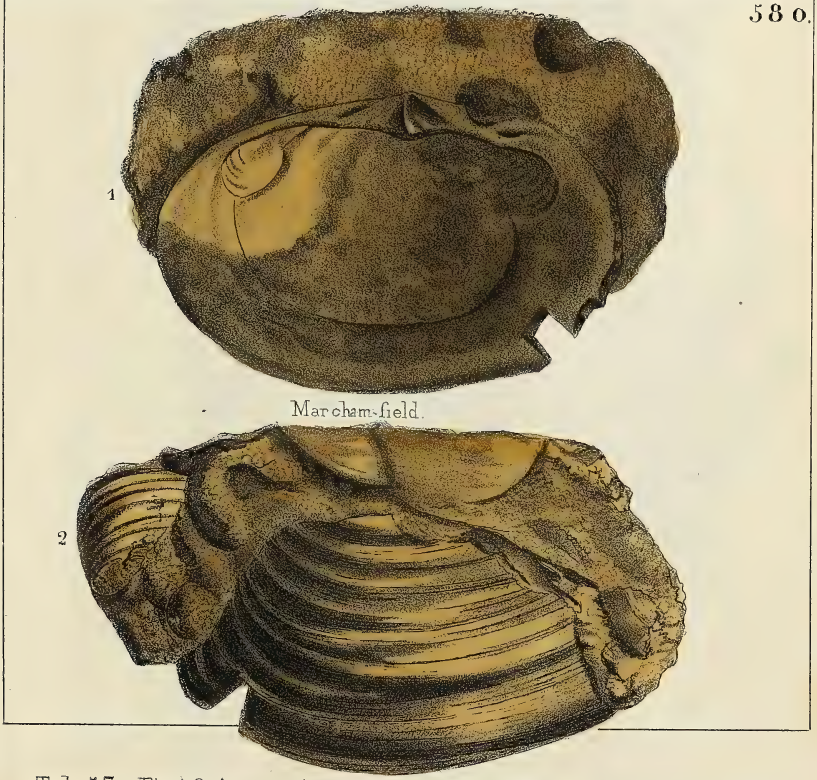


Tab. 577. Fig. 1. Scalaria frondosa Sow.- Fig. 2. S. acuta Sow.- Fig. 3. 4. S. interrupta Sow.-
Fig. 5. S. nodosa Sow.- Fig. 6. S. reticulata Sow.- Fig. 7. S. semicostata Sow.
Tab. 578. Fig. 1. 2. 3. Murex Smithii Sow.- Fig. 4. M. tuberosus Sow.- Fig. 5. M. harpula Sow.

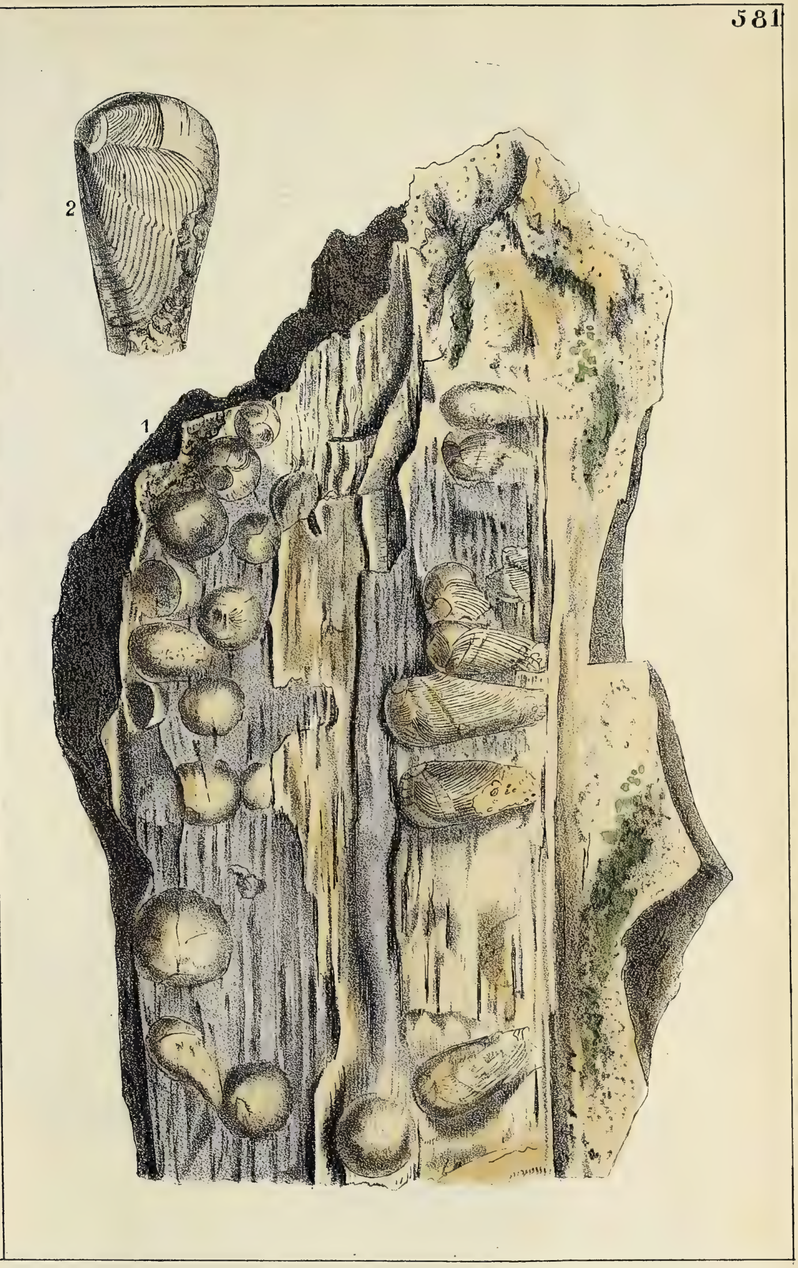
579.



580.



Tab. 579. Fig. 1. 2 Ammonites falcatus Mant. Fig. 3. Am. curvatus Mant.
Tab. 580. Corbis laevis. Sow.



Pholas prisca Sow.

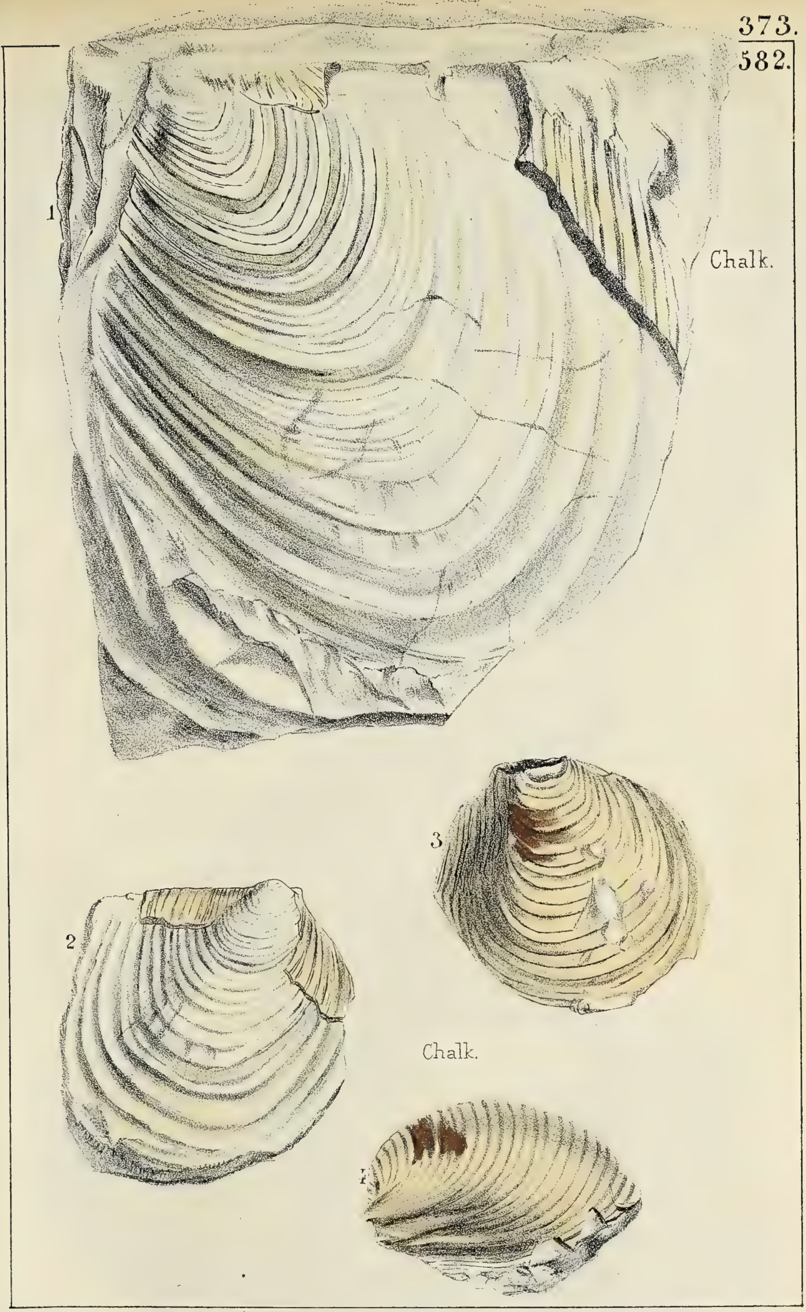
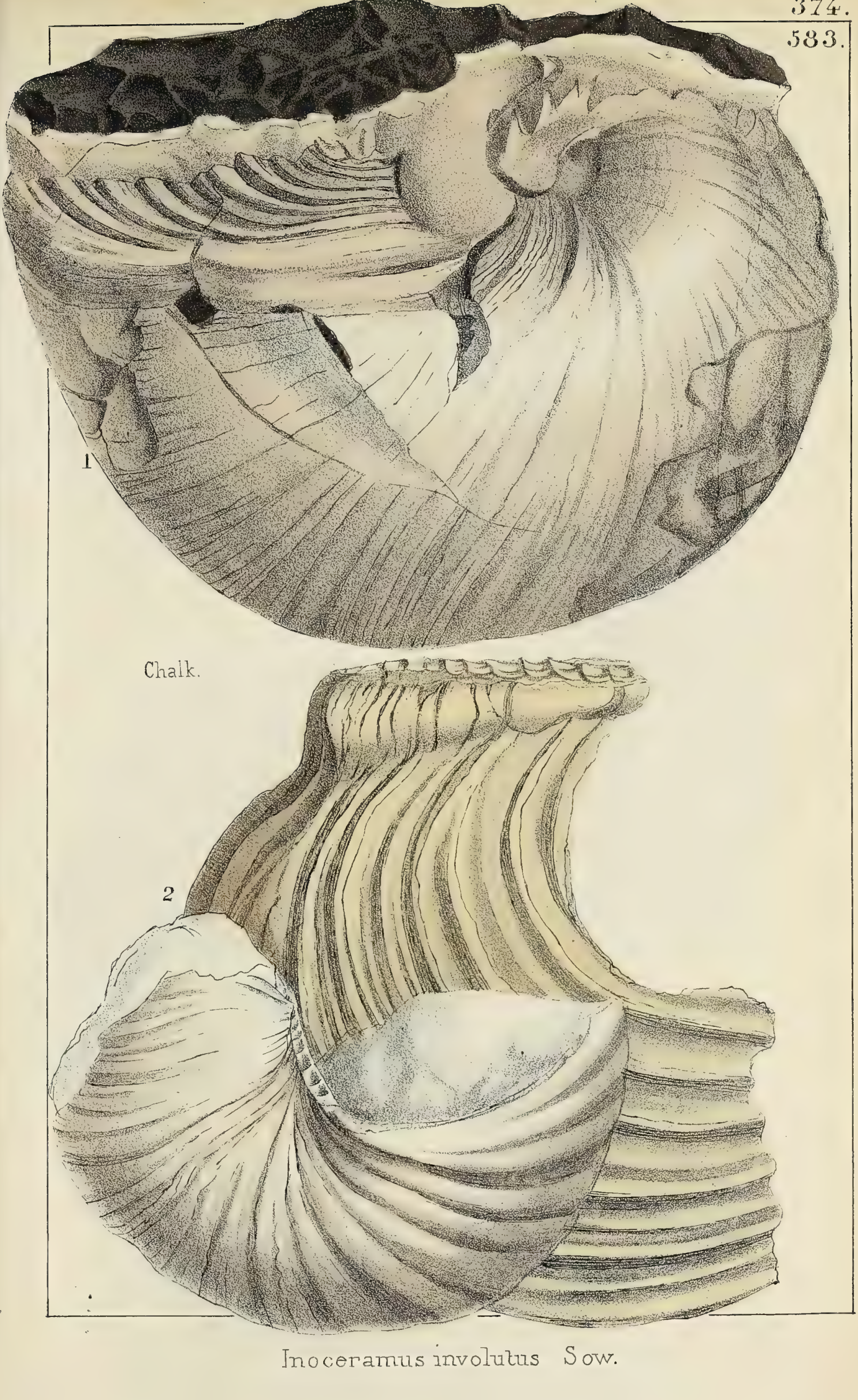


Fig. 1. 2 Inoceramus latus. Mant-Fig. 3. 4. I. striatus Mant.



Inoceramus involutus Sow.

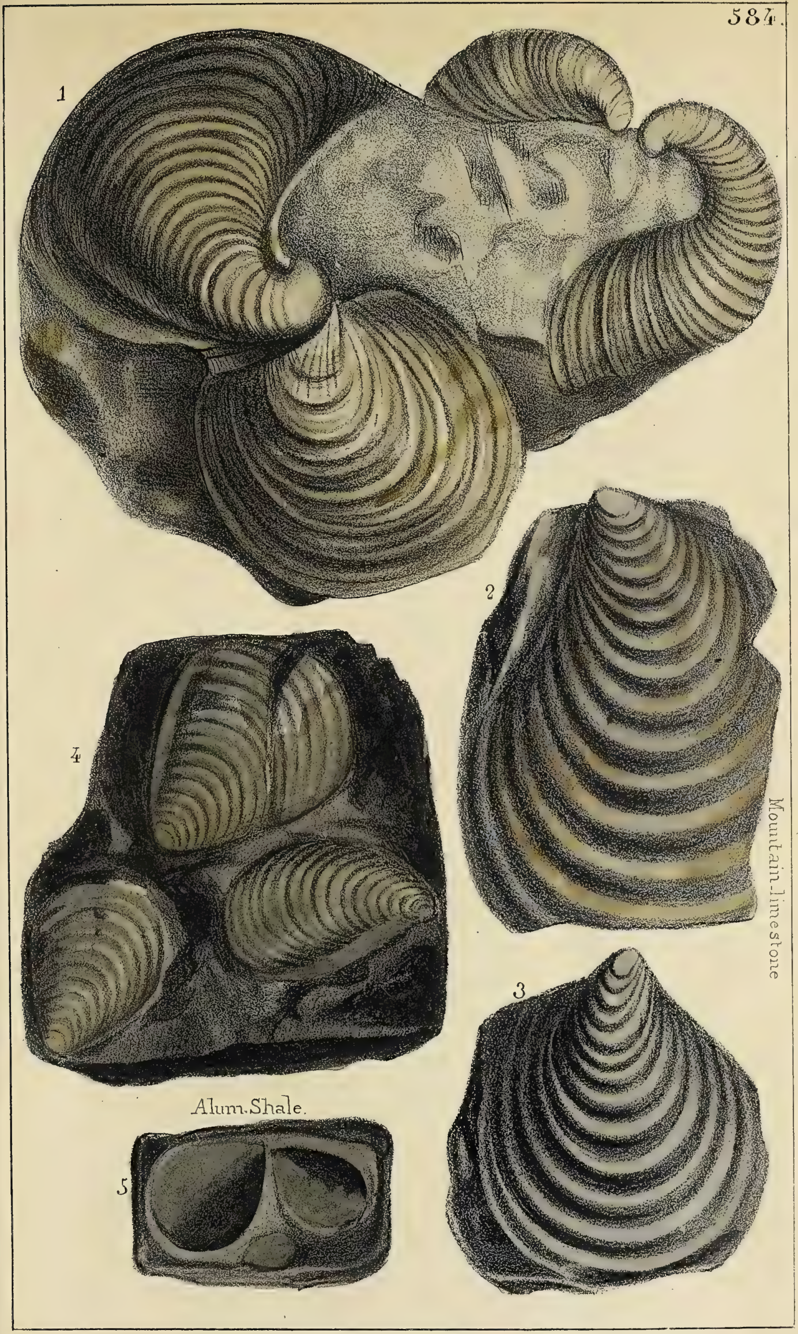
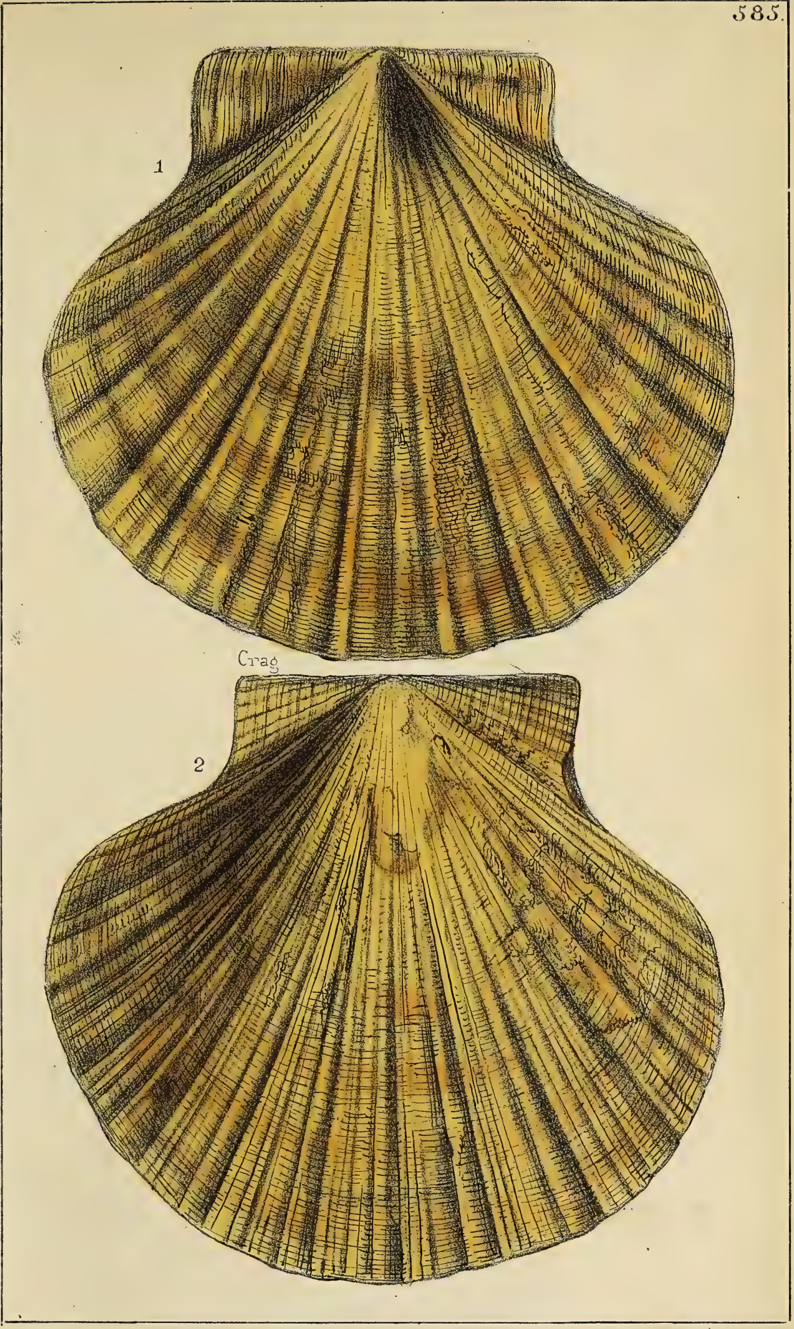


Fig. 1 Inoceramus gryphaeoides Sow. Fig. 2. 3. I. vetustus Sow. Fig. 4. 5. I. dubius Sow.



Pecten grandis Sow.

385

377.

586.

Pecten complanatus Sow.

Fig.1. Ammonites Woolgari Mant.-Fig.2. A. tetrammatus. Sow.

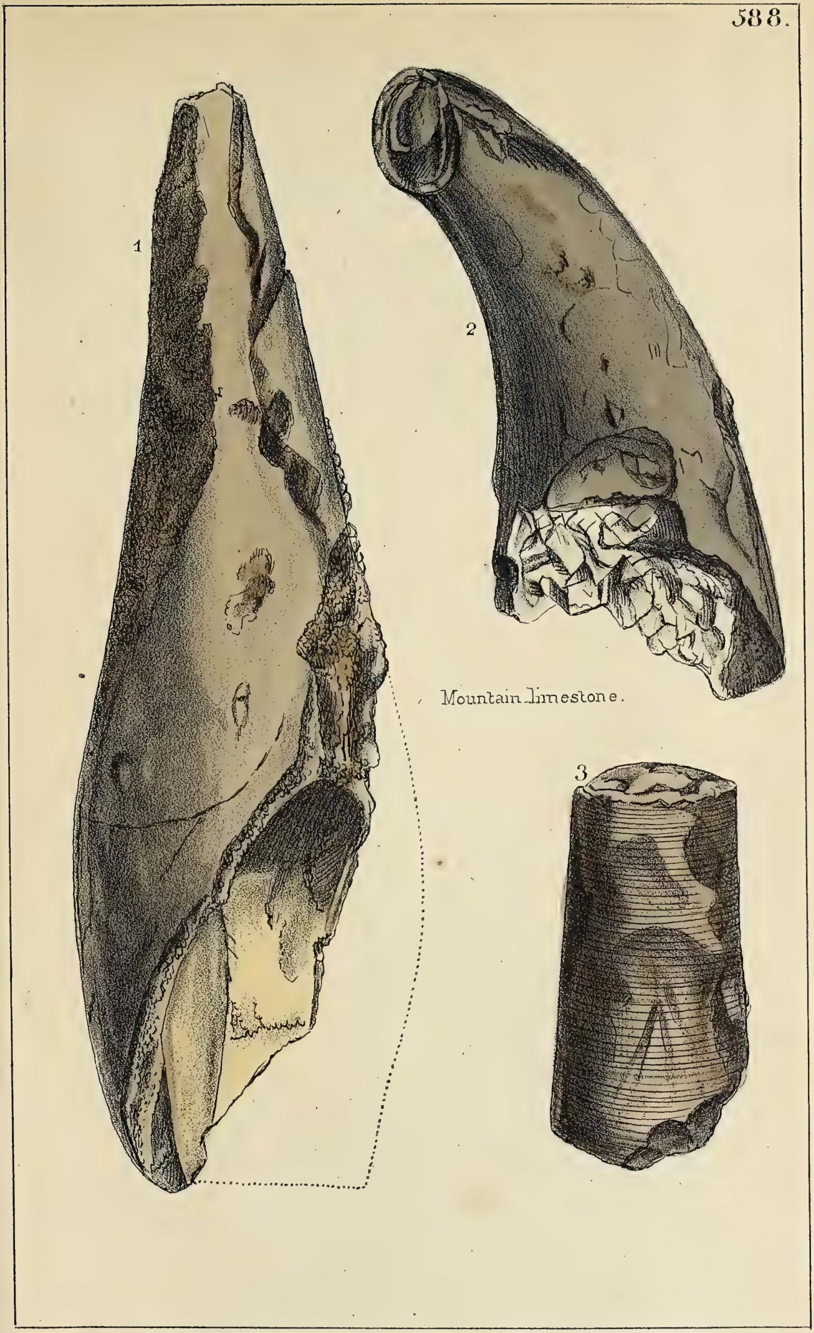


Fig. 2. Orthocera fusiforme Sow. Fig. 3. Orth. cinctum Sow.

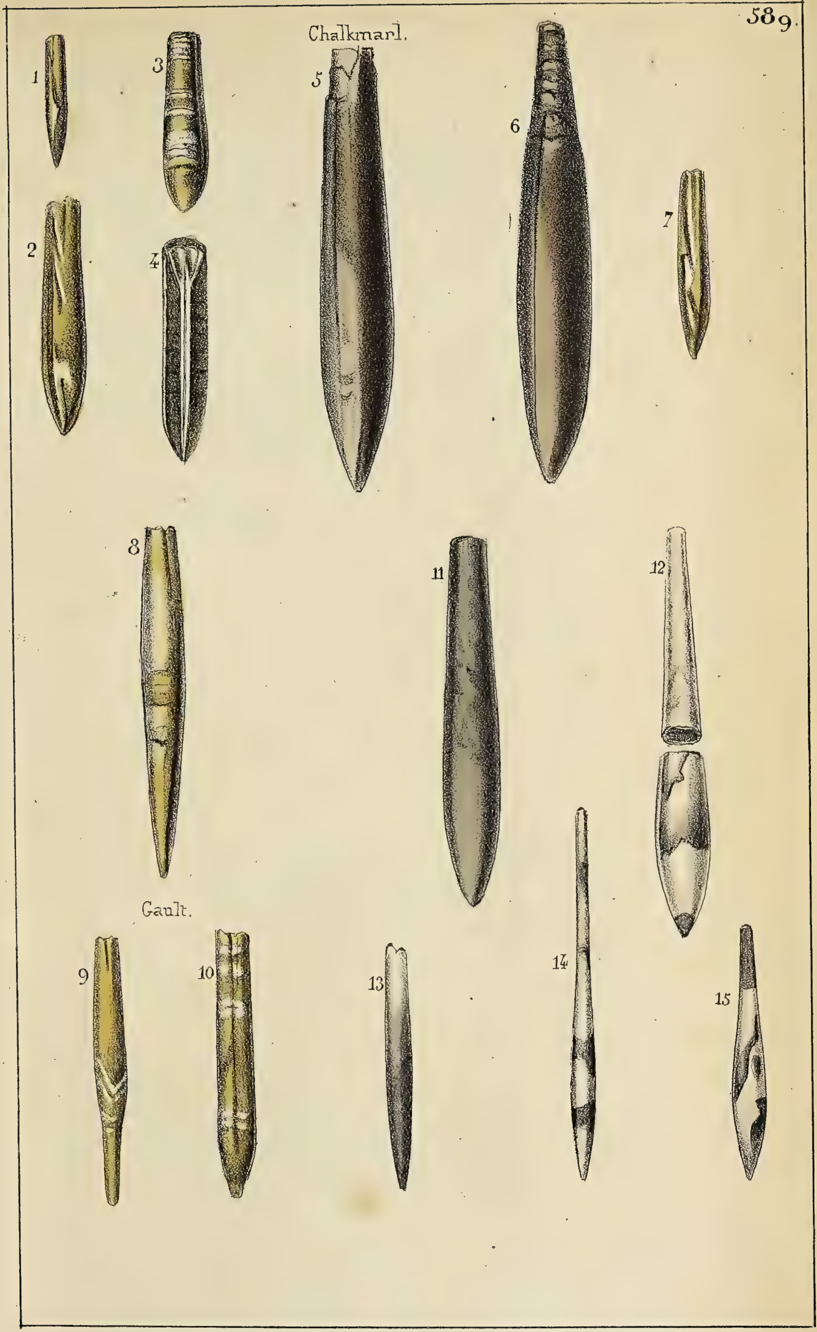


Fig.1-7 Belemnites minimus List. Fig.8-10. B.attenuatus Sow. Fig.11-15 B. pistiliformis Sow.

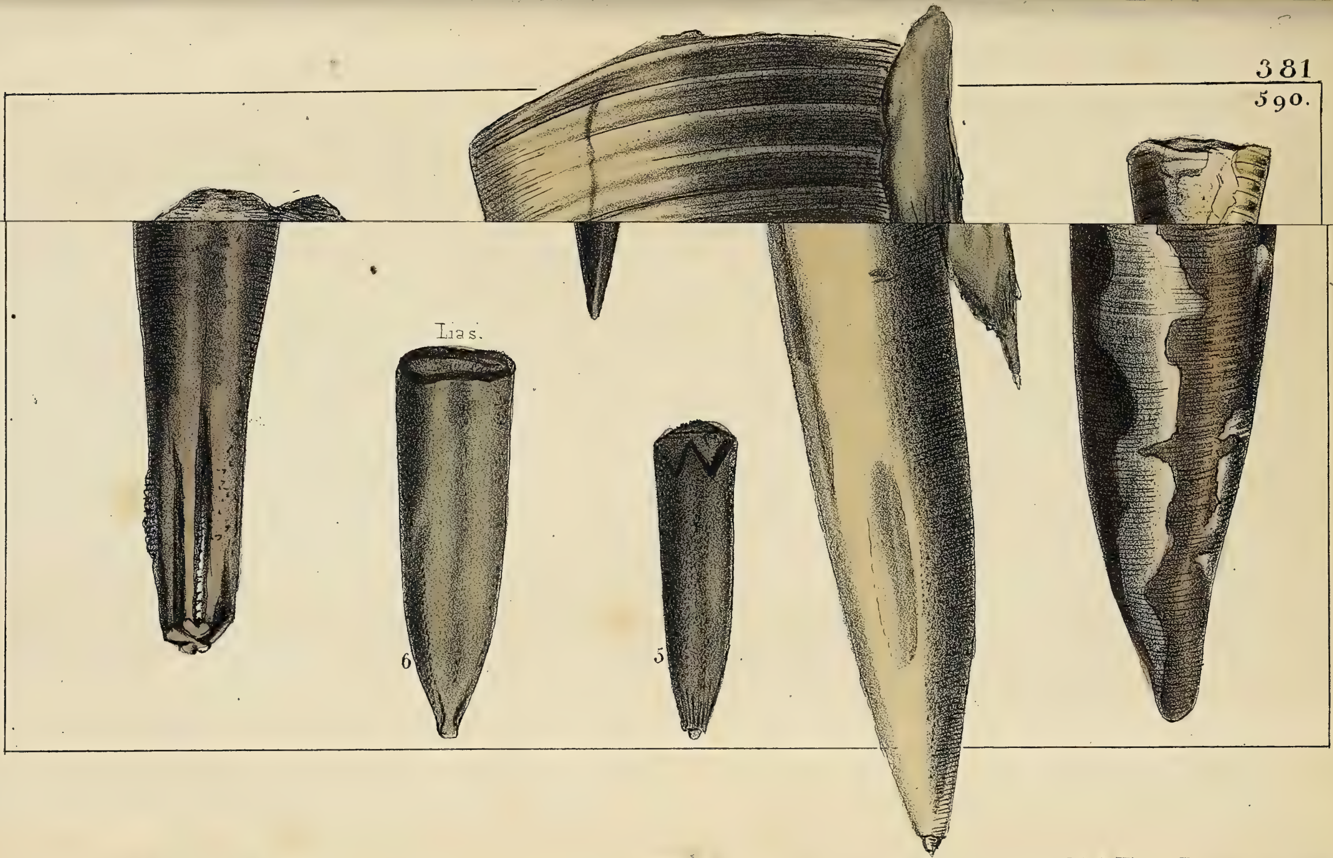


Fig. 1 Belemnites elongatus Mill. Fig. 2.3.4. B. abbreviatus Mill. Fig. 5.6 B. penicillatus Blainv. Fig. 7.8.9 B. acutus Mill. Fig. 10 B. compressus Sow.

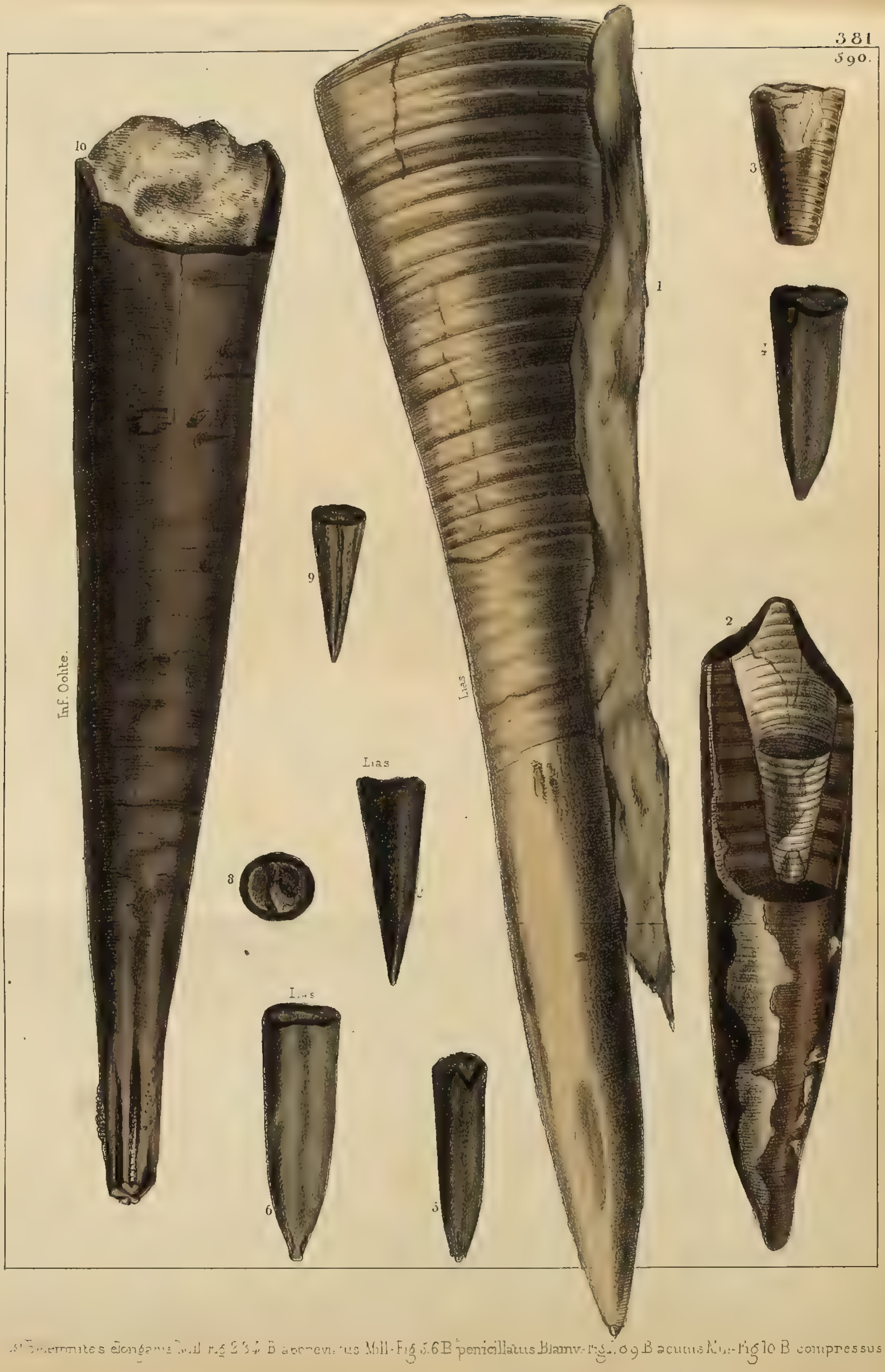
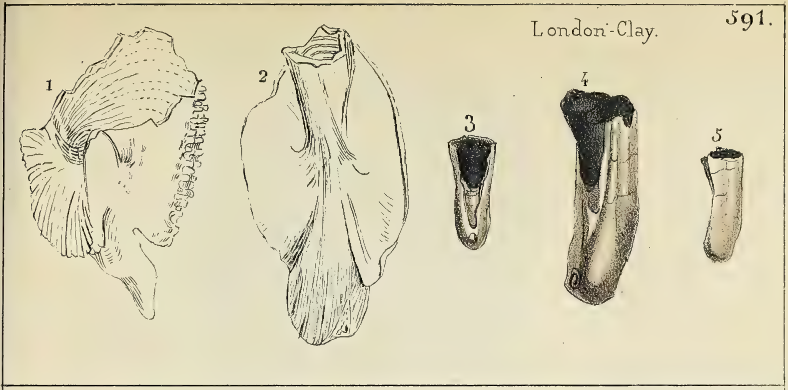


Fig. 1 Belemnites elongatus Mill. Fig. 2 3 4 B. abbreviatus Mill. Fig. 5. 6 B. penicillatus Blainv. Fig. 7. 8. 9 B. acutus Mill. Fig. 10 B. compressus Sow.



Tab. 591. Fig. 1. Beloptera sepioïdea Blainv. - Fig. 2. B. belemnitoïdea Blainv. Fig. 3. 4. 5. B. anomala Sow.
Tab. 592. Fig. 1. 2 Baculites Faujasii Lam. - Fig. 3-7. B. obliquatus Sow.

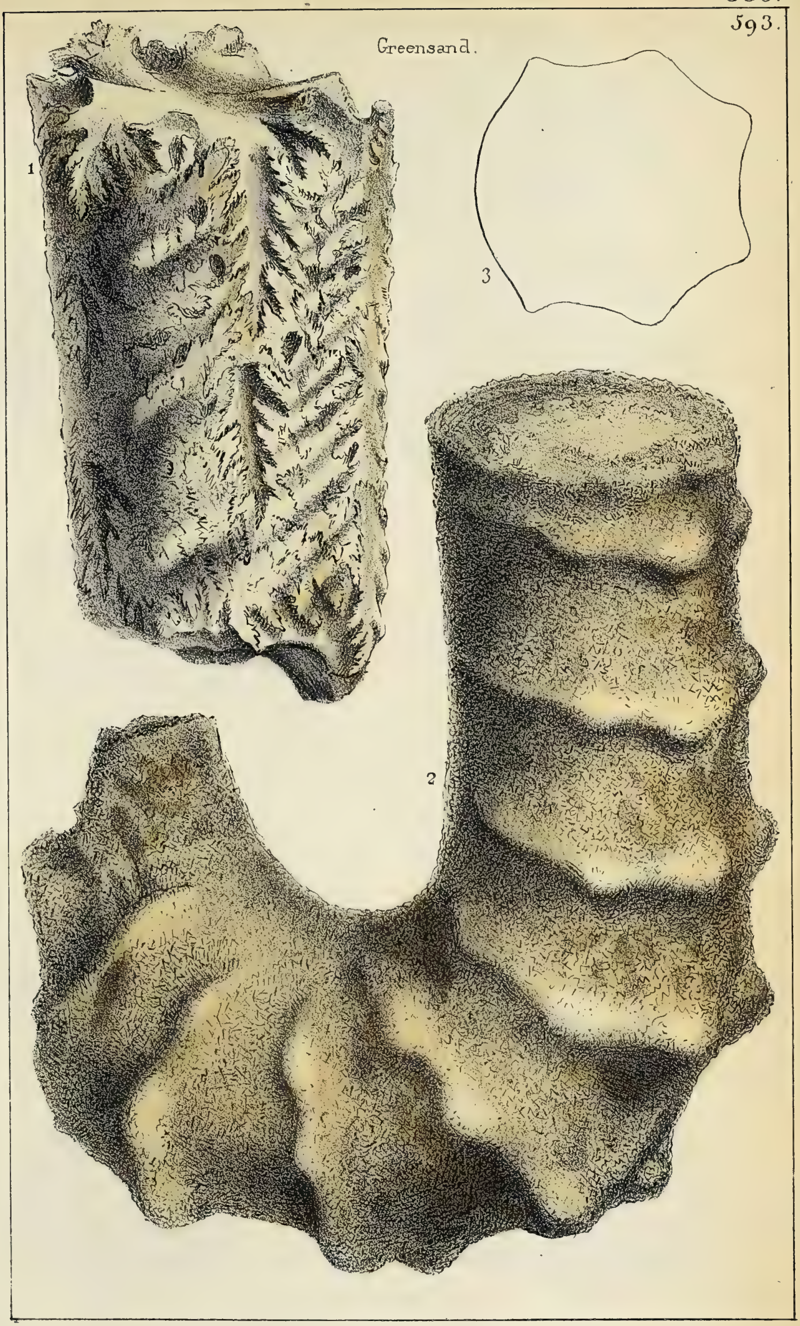
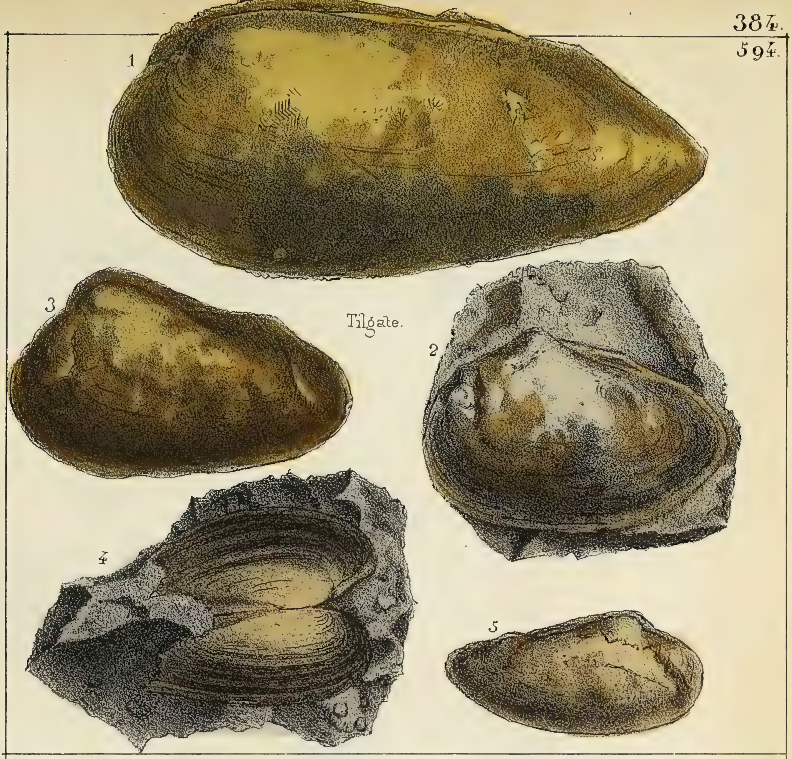
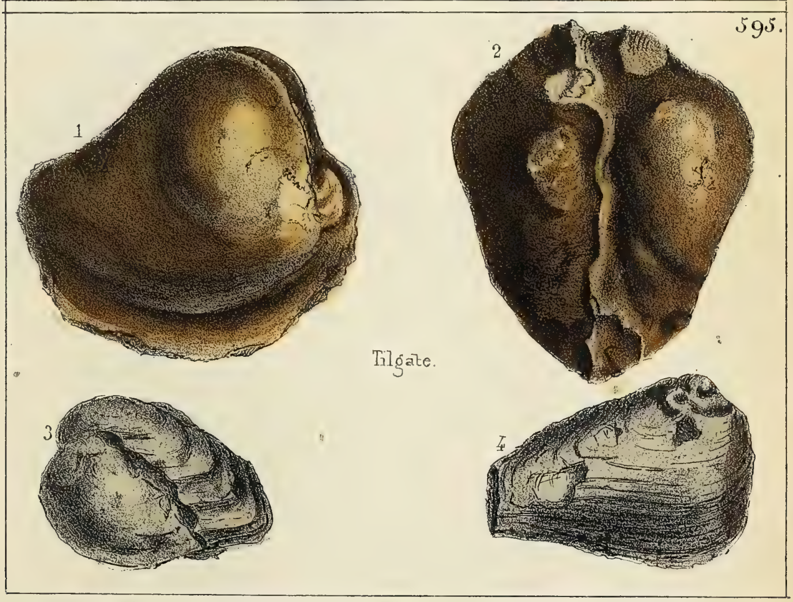


Fig. 1. Hammites grandis Sow.- Fig. 2.3 H. gigas Sow.





Tab. 594 Fig. 1. Unio prorrectus Sow.- Fig. 2 U. compressus Sow.- Fig. 3. 4. 5. U. antiquus Sow.
Tab. 595 Fig. 1. 2 Unio cordiformis Sow.- Fig. 3. 4 U. aduncus Sow.

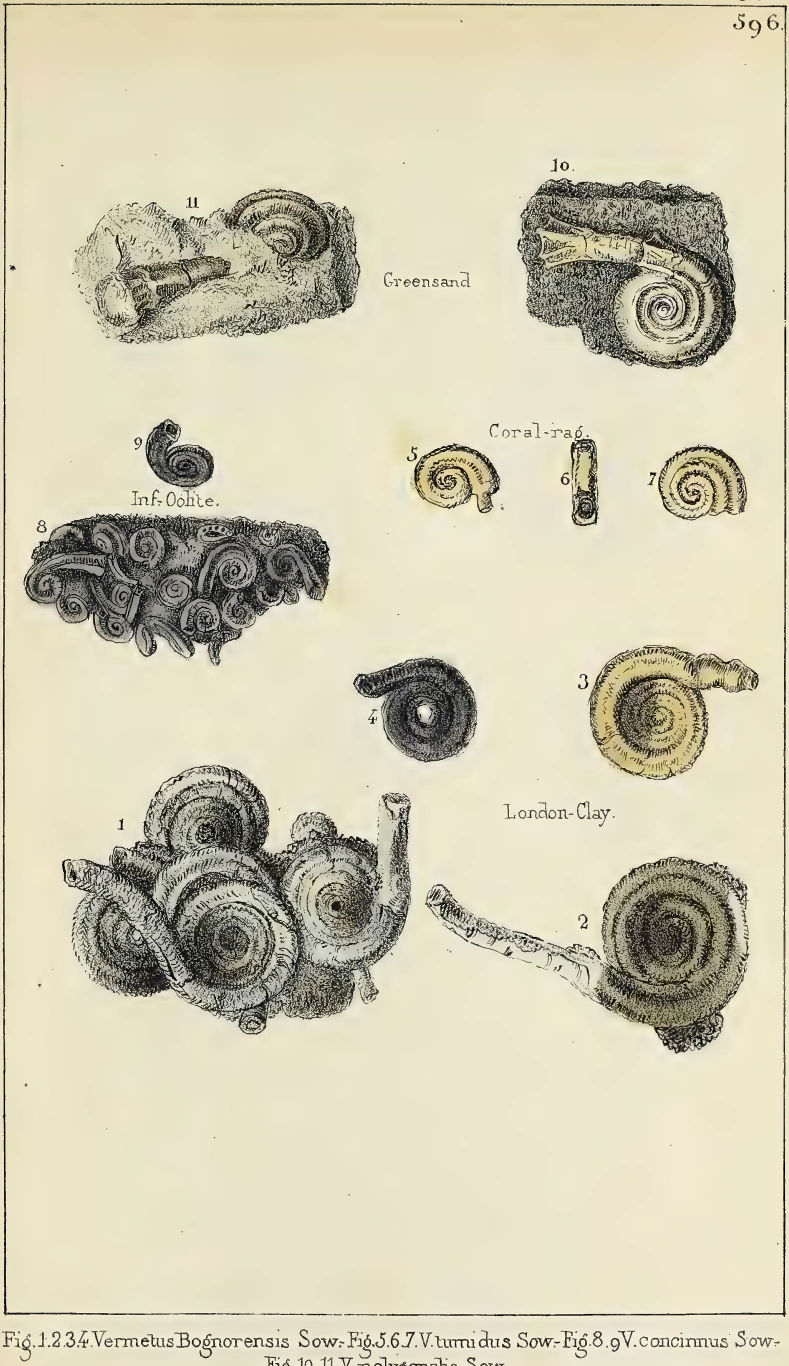


Fig. 1. 2. 3. 4. Vermetus Bognorensis Sow.- Fig. 5. 6. 7. V. tumidus Sow.- Fig. 8. 9. V. concinnus Sow.-
Fig. 10. 11. V. polygonalis Sow.

Chalk.

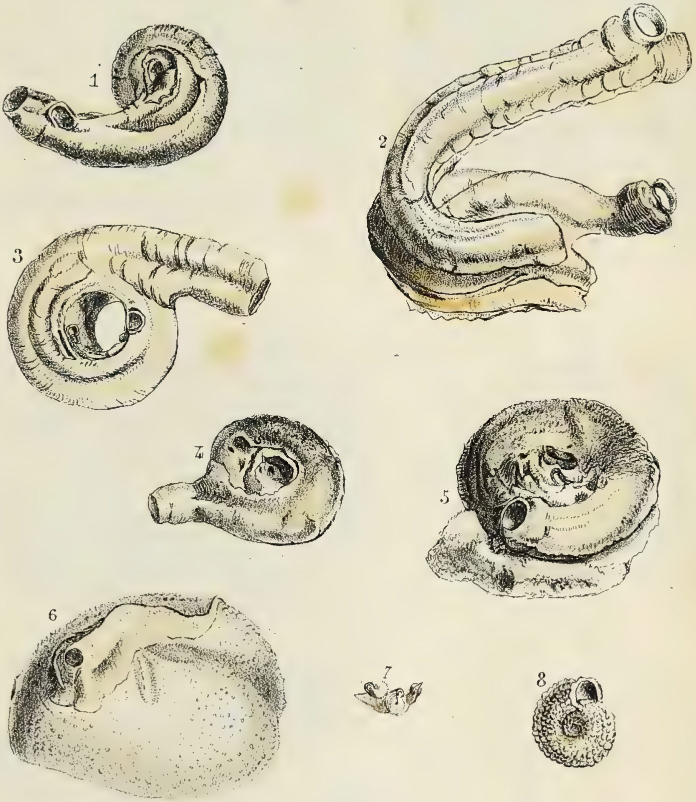


Fig. 1-5. Serpula ampullacea Sow.- Fig. 6 S. macropus. Sow.- Fig. 7. 8. S. granulata Sow

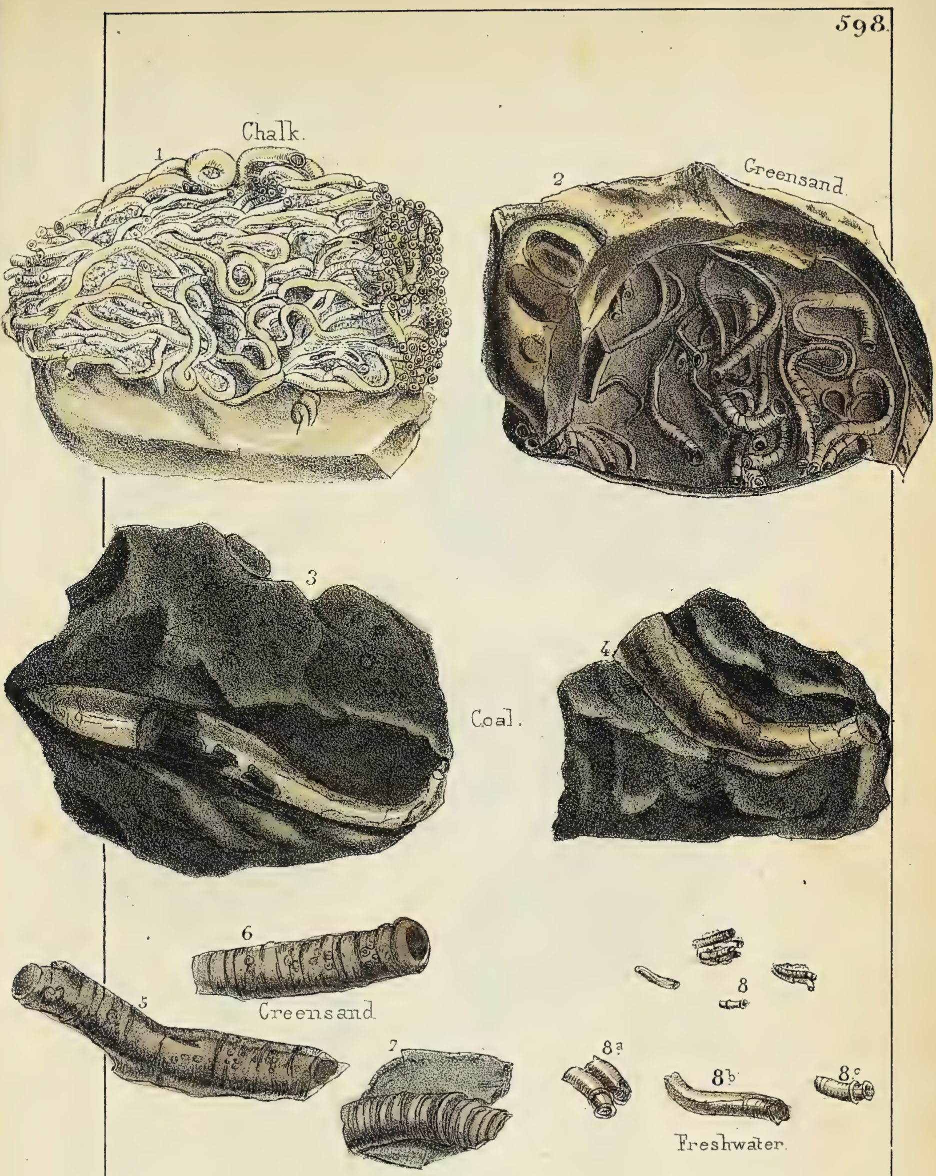


Fig.1 Serpula Plexus Sow.-Fig. 2. S. carinella Sow.-Fig.3.4. S. compressa Sow.
Fig.5.6.7 S. antiquata Sow.-Fig.8. S. tenuis Sow.-

Fig.1.2. Serpula tetragona Sow.- Fig.3. S. rustica Sow.- Fig.4.5. S. articulata Sow.-
Fig.6.7.8.9. S. vertebralis Sow.

600.

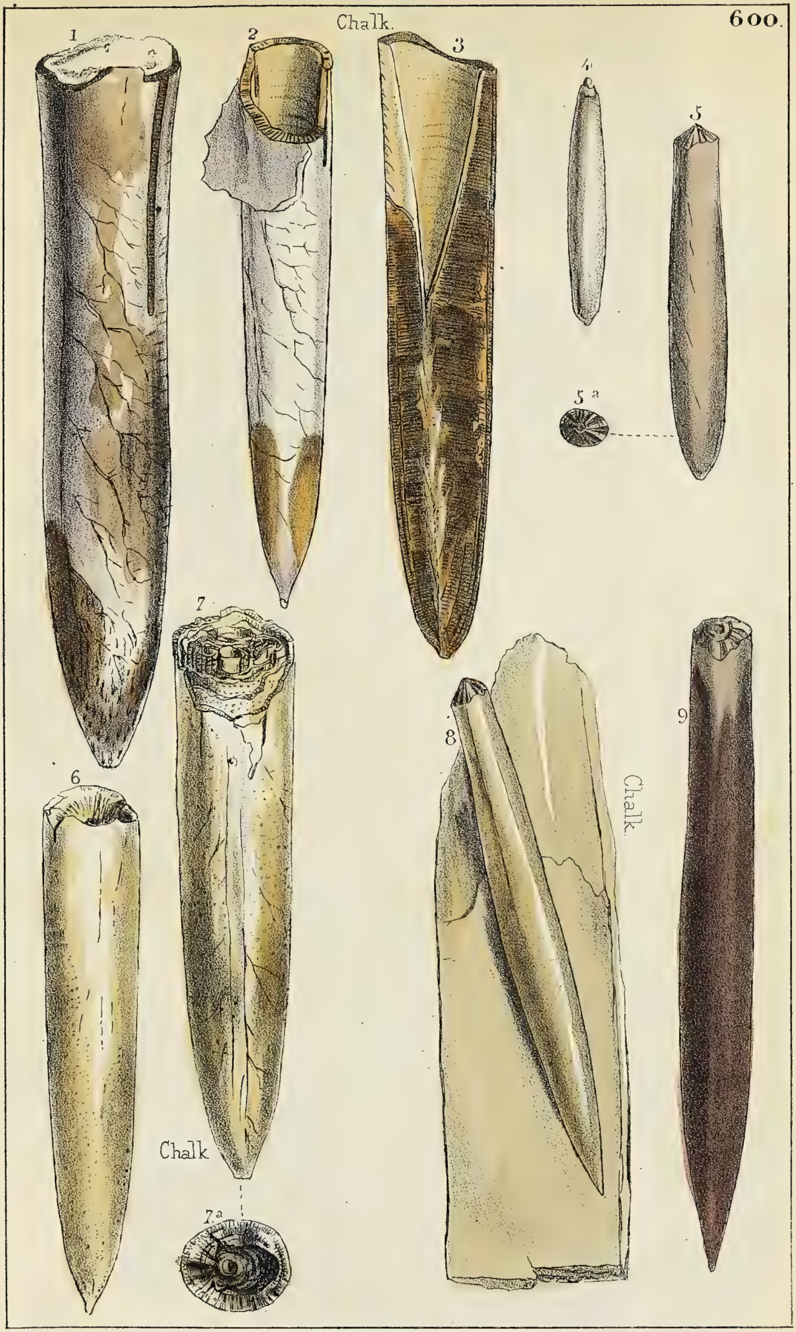


Fig. 1-5 Belemnites mucronatus Schloth.-Fig. 6. 7. B. granulatus Sow.-
Fig. 8. 9 B. lanceolatus Sow.

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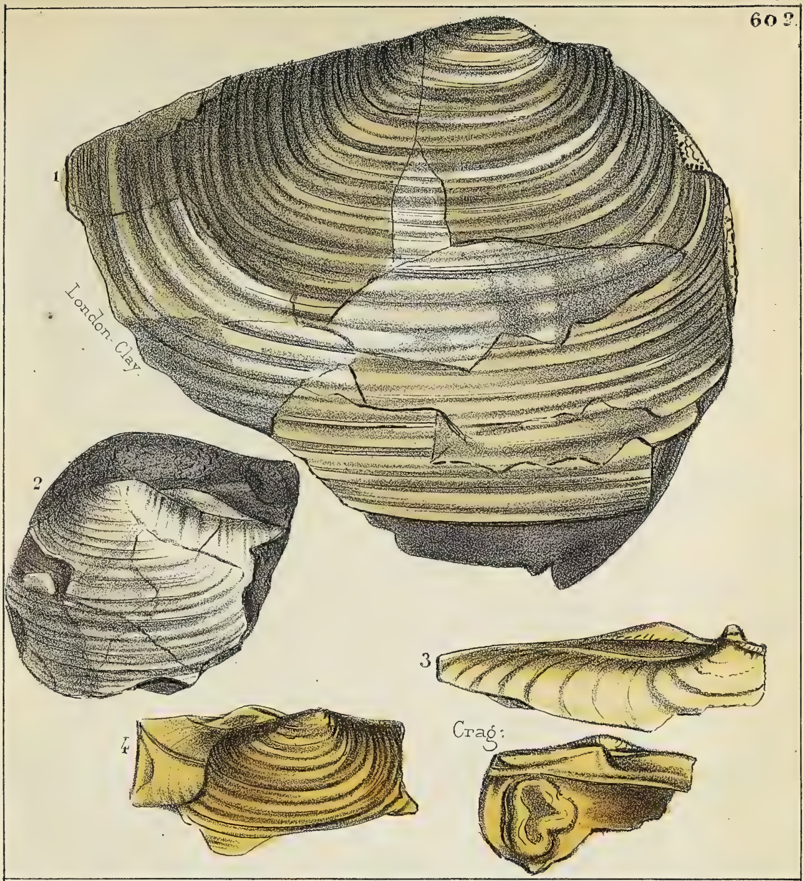
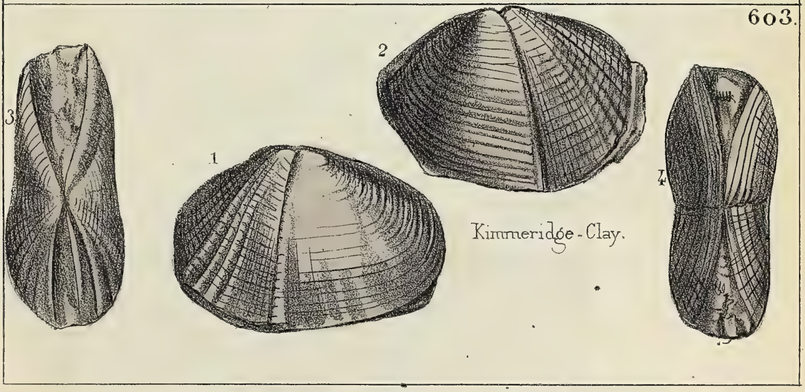
Hinnites Dubuissoni. Defr.

602.



603.



Tab. 602. Panopaea Faujas Menard.
Tab. 603. Pholas compressa Sow.

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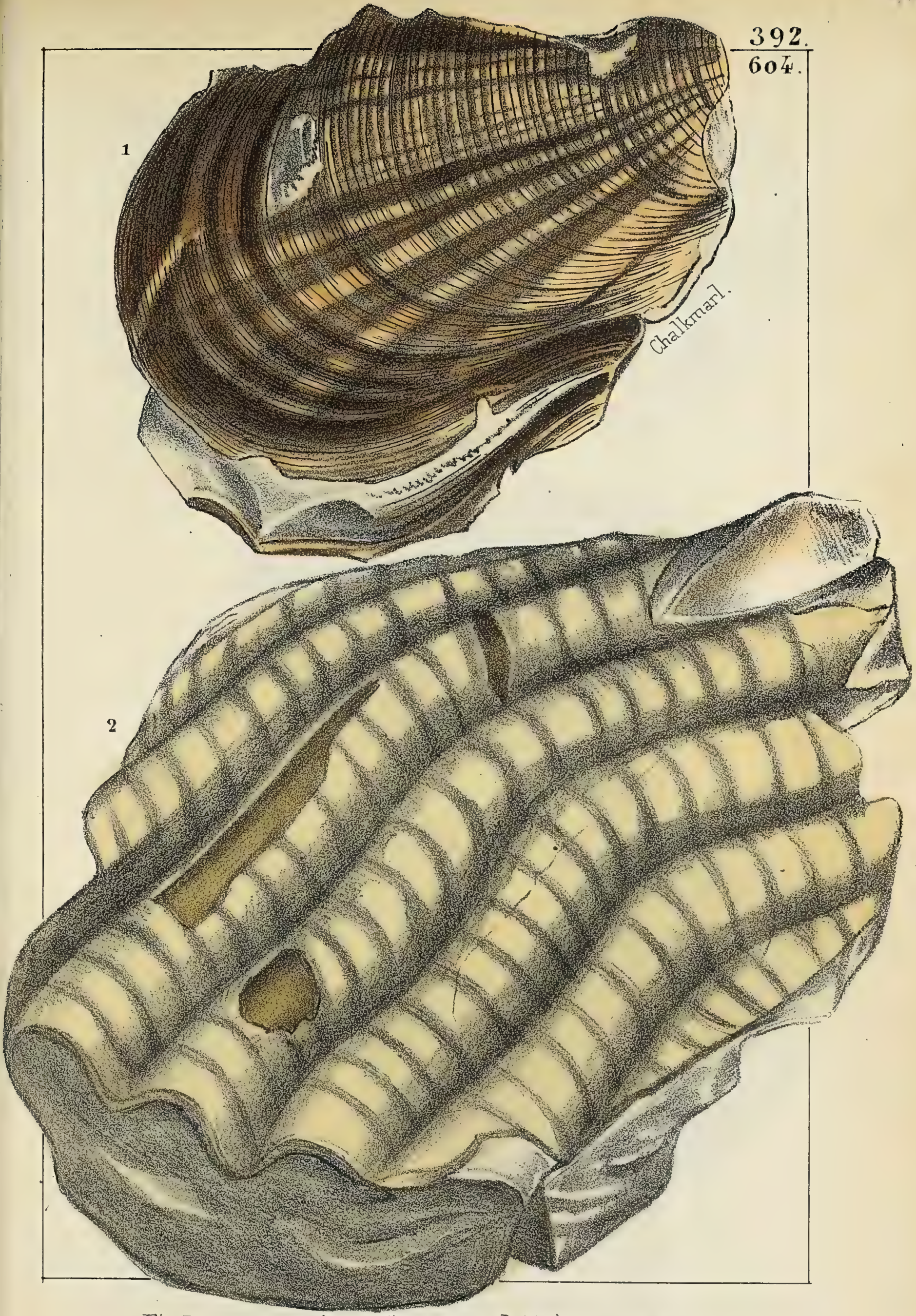


Fig. Inoceramus pictus Sow.- Fig. 2. I. digitatus Sow.-

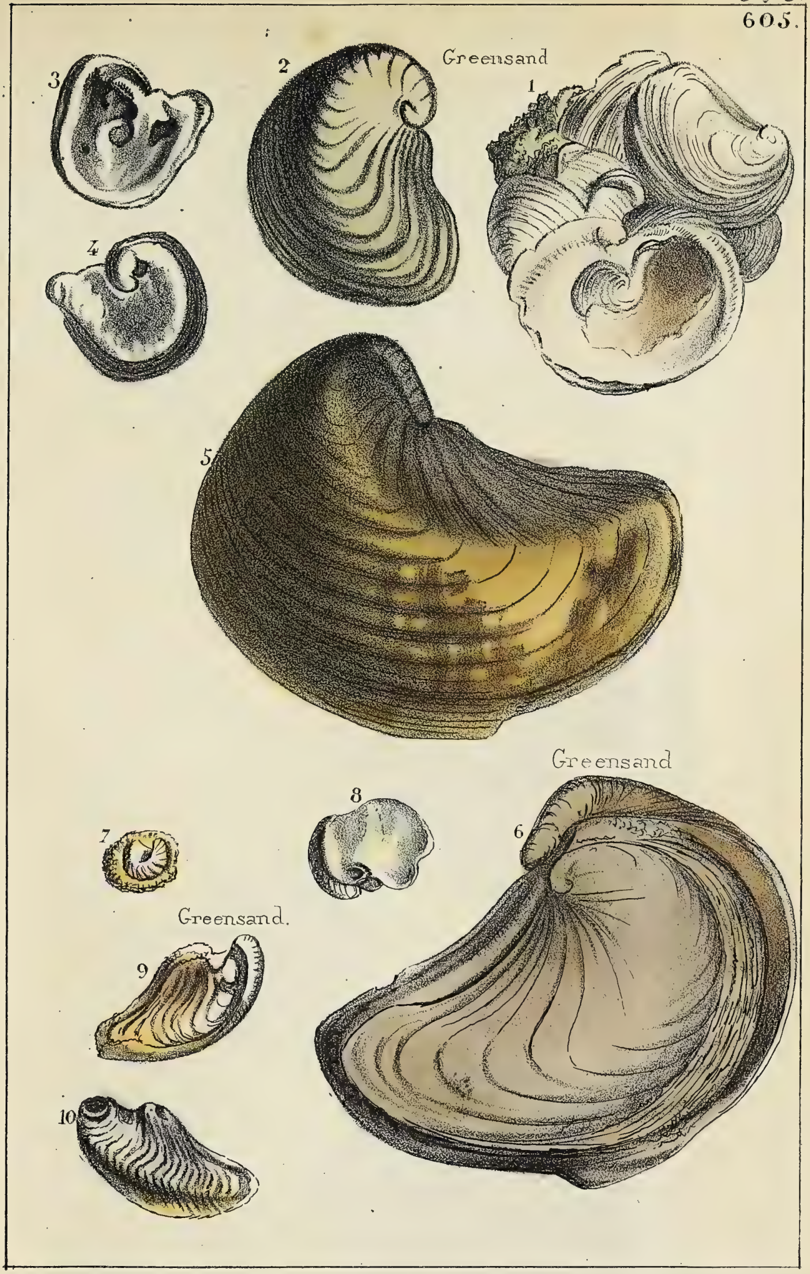
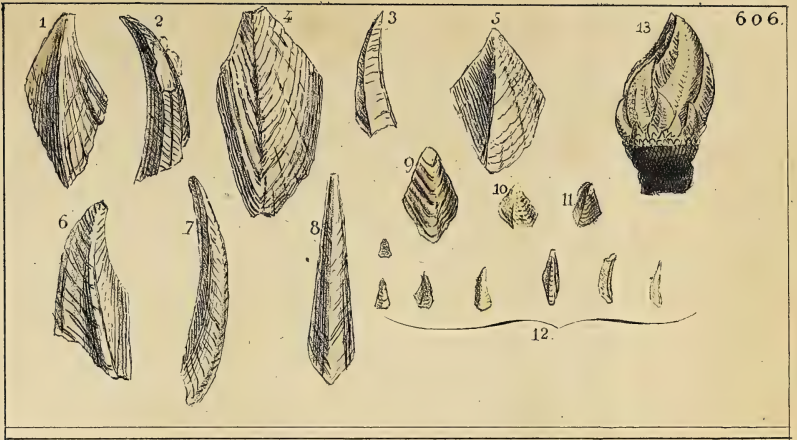
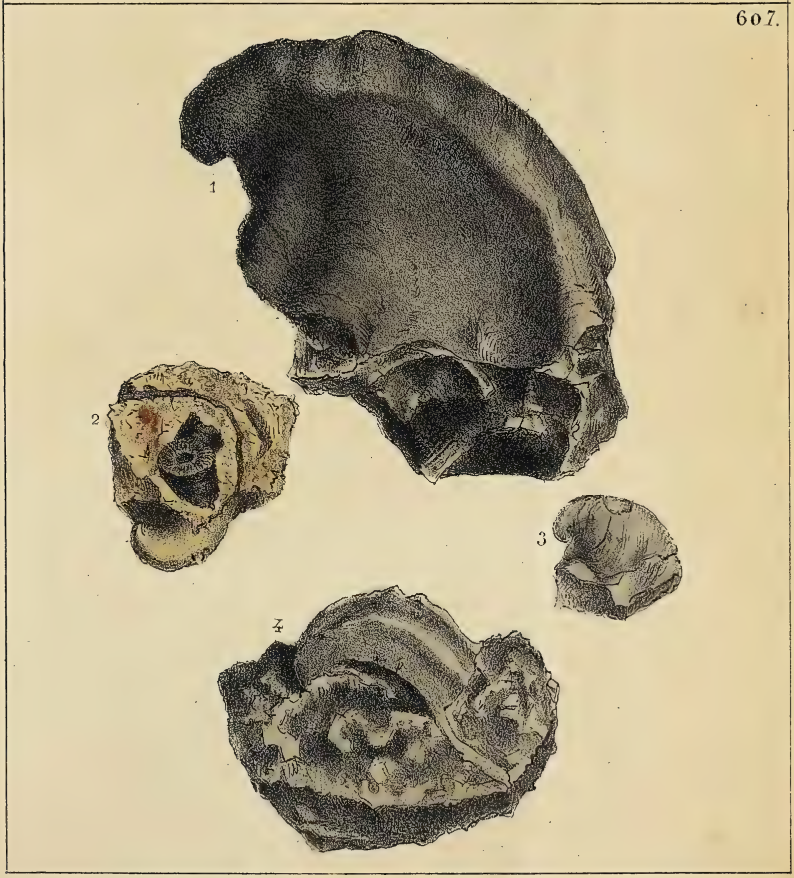
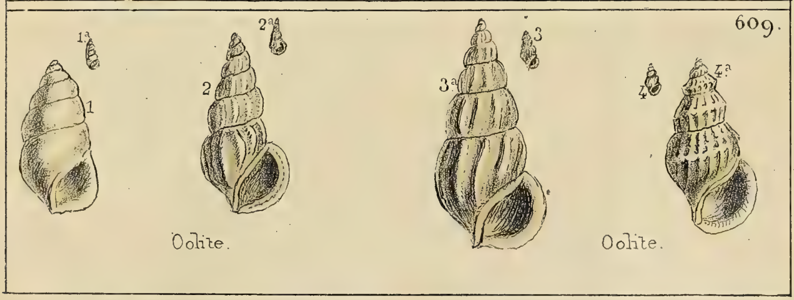


Fig.1-4. Exogyra conica Sow.- Fig.5.6 E. laevigata Sow.-Fig.7-10. undata Sow.





Tab. 606. Fig. 1-3 Pollicipes sulcatus Sow.-Fig. 4-8 P. maximus Sow.-Fig. 9-12. P. reflexus Sow.
Tab. 607. Fig. 1.2.3. Pileopsis vetusta Sow. - Fig. 4. P. tubifer Sow.



Tab. 608. Fig. 1.2 Serpula sulcata Sow.- Fig. 3.4. S. tricarinata Sow.- Fig. 5.6. S. Fluctuata Sow. Fig. 7.8. S. runcinata Sow.- Fig. 9 S. triangulata Sow.- Fig. 10. S. obtusa Sow.
Tab. 609. Fig. 1. Rissoa laevis Sow.- Fig. 2. R. acuta Sow.- Fig. 3 R. obliquata Sow.- Fig. 4. R. duplicata Sow.